



PROFESSIONAL LIGHTING SOLUTIONS

EDITION **2018/2019**

Architectural Lighting  
Emergency Lighting  
LightBox / Informational Lighting

Interiérové svietidlá  
Núdzové Svietidlá  
Informačné svietidlá



<b>MODULER LED LIGHTING SYSTEM</b>	<b>30-43</b>
WEGA-MODULE2 MODULAR BLOCK	30-43
X/T/L/I JOINTS	40
<b>WEGA-MODULE LED</b>	<b>44-55</b>
WEGA-MODULE-AS	40-55
WEGA-MODULE-AM	40-55
WEGA-MODULE-AL	40-55
<b>WEGA-MODULE2-AA LED</b>	<b>50-51</b>
WEGA-MODULE2-AA LED Anodised	50-51
WEGA-MODULE2-AA LED RAL9003	50-51
WEGA-MODULE2-AA LED RAL9003	50-51
<b>WEGA-MODULE2-AB LED</b>	<b>52-58</b>
WEGA-MODULE2-AB LED Anodised	52-58
WEGA-MODULE2-AB LED RAL9003	52-58
WEGA-MODULE2-AB LED RAL9005	52-58
<b>WEGA-MODULE2-FAA LED</b>	<b>58-59</b>
WEGA-MODULE2-FAA LED Anodised	58-59
WEGA-MODULE2-FAA LED RAL9003	58-59
WEGA-MODULE2-FAA LED RAL9005	58-59
<b>WEGA-MODULE2-FAB LED</b>	<b>60-61</b>
WEGA-MODULE2-FAB LED Anodised	60-61
WEGA-MODULE2-FAB LED Anodised	60-61
WEGA-MODULE2-FAB LED Anodised	60-61
<b>WEGA-MODULE2-EA LED</b>	<b>62-63</b>
WEGA-MODULE2-EA LED Anodised	62-63
WEGA-MODULE2-EA LED RAL9003	62-63
WEGA-MODULE2-EA LED RAL9005	62-63
<b>WEGA-MODULE2-DA LED</b>	<b>64-65</b>
WEGA-MODULE2-DA LED Anodised	64-65
WEGA-MODULE2-DA LED RAL9003	64-65
WEGA-MODULE2-DA LED RAL9005	64-65
<b>WEGA-MODULE2-DB LED</b>	<b>66-67</b>
WEGA-MODULE2-DB LED Anodised	66-67
WEGA-MODULE2-DB LED RAL9003	66-67
WEGA-MODULE2-DB LED RAL9003	66-67





# ARCHITECTURAL LIGHTING

CONTENTS



<b>68-69</b>	<b>WEGA-MODULE2-DAA LED</b>
68-69	WEGA-MODULE2-DAA LED Anodised
68-69	WEGA-MODULE2-DAA LED RAL9003
68-69	WEGA-MODULE2-DAA LED RAL9005

<b>70-71</b>	<b>WEGA-MODULE2-DAB LED</b>
70-71	WEGA-MODULE2-DAB LED Anodised
70-71	WEGA-MODULE2-DAB LED RAL9003
70-71	WEGA-MODULE2-DAB LED RAL9005

<b>72-77</b>	<b>AVANTIS-APD2 LED / T8 LED</b>
72-77	AVANTIS-APD2 LED
72-77	AVANTIS-APD2 T8 LED

<b>78-81</b>	<b>WEGA-FRAME2-CA LED</b>
78-81	WEGA-FRAME2-CA LED Anodised
78-81	WEGA-FRAME2-CA LED RAL9003
78-81	WEGA-FRAME2-CA LED RAL9005

<b>82-85</b>	<b>WEGA-FRAME2-CB LED</b>
82-85	WEGA-FRAME2-CB LED Anodised
82-85	WEGA-FRAME2-CB LED RAL9003
82-85	WEGA-FRAME2-CB LED RAL9005

<b>86-87</b>	<b>WEGA-FRAME2-EAA LED</b>
86-87	WEGA-FRAME2-EAA LED Anodised
86-87	WEGA-FRAME2-EAA LED RAL9003
86-87	WEGA-FRAME2-EAA LED RAL9005

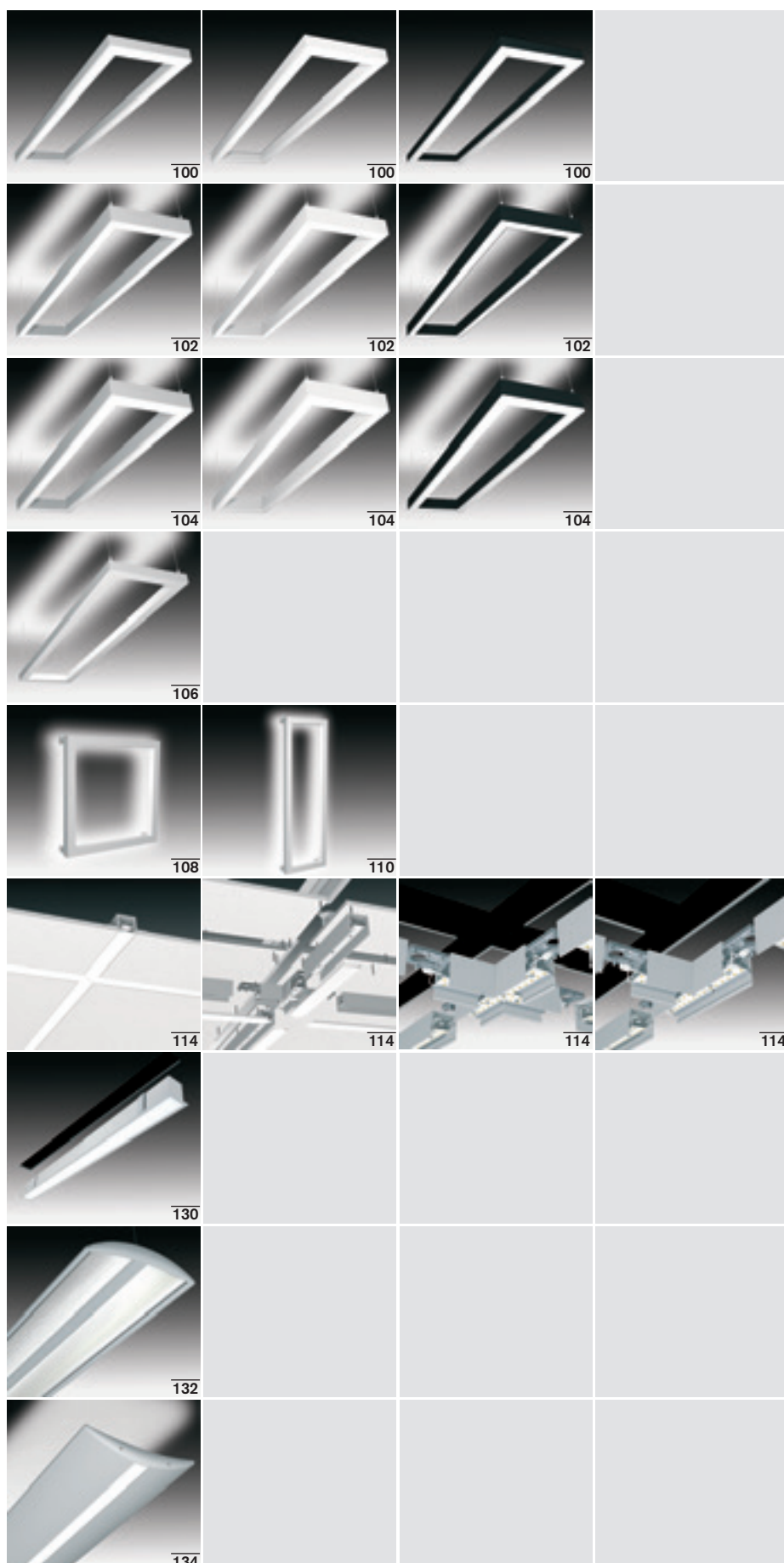
<b>88-89</b>	<b>WEGA-FRAME2-EAB LED</b>
88-89	WEGA-FRAME2-EAB LED Anodised
88-89	WEGA-FRAME2-EAB LED RAL9003
88-89	WEGA-FRAME2-EAB LED RAL9005

<b>90-95</b>	<b>WEGA-FRAME2-AA LED</b>
90-95	WEGA-FRAME2-AA LED Anodised
90-95	WEGA-FRAME2-AA LED RAL9003
90-95	WEGA-FRAME2-AA LED RAL9005

<b>96-99</b>	<b>WEGA-FRAME2-DA LED</b>
96-99	WEGA-FRAME2-DA LED Anodised
96-99	WEGA-FRAME2-DA LED RAL9003
96-99	WEGA-FRAME2-DA LED RAL9005



<b>WEGA-FRAME2-DB LED</b>	<b>100-101</b>
WEGA-FRAME2-DB LED Anodised	100-101
WEGA-FRAME2-DB LED RAL9003	100-101
WEGA-FRAME2-DB LED RAL9003	100-101
<b>WEGA-FRAME2-FAA LED</b>	<b>102-103</b>
WEGA-FRAME2-FAA LED Anodised	102-103
WEGA-FRAME2-FAA LED RAL9003	102-103
WEGA-FRAME2-FAA LED RAL9003	102-103
<b>WEGA-FRAME2-FAB LED</b>	<b>104-105</b>
WEGA-FRAME2-FAB LED Anodised	104-105
WEGA-FRAME2-FAB LED RAL9003	104-105
WEGA-FRAME2-FAB LED RAL9003	104-105
<b>WEGA-FRAME2-BA LED</b>	<b>106-107</b>
WEGA-FRAME2-BA LED Anodised	106-107
WEGA-FRAME2-BA LED RAL9003	106-107
WEGA-FRAME2-BA LED RAL9003	106-107
<b>WEGA-FRAME2-G/-H LED</b>	<b>108-113</b>
WEGA-FRAME2-G LED Anodised	108-109
WEGA-FRAME2-G LED RAL9003	108-109
WEGA-FRAME2-G LED RAL9005	108-109
WEGA-FRAME2-H LED Anodised	110-113
WEGA-FRAME2-G LED RAL9003/5	110-113
<b>RECESSED MODULAR SYSTEM</b>	<b>114-130</b>
WEGA-MODULE2 RECESSED	114-130
X/T/L/I LED JOINTS	114-130
<b>AVANTIS-CD2 LED / T8 LED</b>	<b>130-131</b>
AVANTIS-CD2 LED	130-131
AVANTIS-CD2 T8 LED	130-131
<b>NEOLUX LED</b>	<b>132-133</b>
NEOLUX LED	132-133
<b>VARIOLUX LED</b>	<b>134-135</b>
VARIOLUX LED	134-135





# ARCHITECTURAL LIGHTING

CONTENTS



## 136-137 AIROLUX LED

136-137 AIROLUX LED

## 138-139 SMARTLUX LED

138-139 SMARTLUX LED

## 140-145 THINLUX LED

140-141 THINLUX-A LED

142-143 THINLUX-B LED

144-145 THINLUX-C LED

## 146-147 LAMELUX LED

146-147 LAMELUX-A LED

146-147 LAMELUX-B LED

## 148-149 LAMELUX LED

148-149 LAMELUX-C LED

148-149 LAMELUX-D LED

## 150-153 MODULUX-A LED

150-153 MODULUX-A LED

150-153 MULTIMODULUX-A LED/1h

## 154-155 RADIUS LED

154-155 RADIUS LED

## 156-157 SOLIDLUX LED

156-157 SOLIDLUX S1

SOLIDLUX S2



# CBS & CentralTest Systems

<b>CENTRALTEST</b>	<b>166-169</b>
ELMAX-ATxi-MINI	166-167
ELMAX-ATZB-MINI WIRELESS	168-169



<b>CBS CENTRALTEST / CBS</b>	<b>170-177</b>
CBS ADDRESSABLE PATROLUX	170-173
CBS EPS DIGITAL	174-177

## PREMIUM Line

Page No. 178-277

<b>EVOLUX2-P LED</b>	<b>182-189</b>
MULTIEVO2-P LED 1h/3h	182-189
C.EVOLUX2-P LED 230V AC/DC	182-189
C.EVOLUX2-P LED 24V AC/DC	182-189



<b>EVOLUX2-PP LED</b>	<b>190-191</b>
MULTIEVO2-PP LED 1h/3h	190-191
C.EVOLUX2-PP LED 230V AC/DC	190-191
C.EVOLUX2-PP LED 24V AC/DC	190-191



<b>EVOLUX2-VP LED</b>	<b>192-195</b>
MULTIEVO2-VP LED 1h/3h	192-195
C.EVOLUX2-VP LED 230V AC/DC	192-195
C.EVOLUX2-VP LED 24V AC/DC	192-195



<b>EVOLUX2-V LED</b>	<b>196-197</b>
MULTIEVO2-V LED 1h/3h	196-197
C.EVOLUX2-V LED 230V AC/DC	196-197
C.EVOLUX2-V LED 24V AC/DC	196-197



<b>TRENDLUX2 LED</b>	<b>198-203</b>
MULTITREND2 LED 1h/3h	198-203
C.TRENDLUX2 230V AC/DC	198-203
C.TRENDLUX2 24V AC/DC	198-203





# EMERGENCY LIGHTING: **PREMIUM LINE**

CONTENTS



198-203	TRENDLUX2 LED
198-203	MULTITREND2 LED 1h/3h
198-203	C.TRENDLUX2 230V AC/DC
198-203	C.TRENDLUX2 24V AC/DC
204-207	TRENDLUX2-TOP LED
204-207	MULTITREND2-TOP LED 1h/3h
204-207	C.TRENDLUX2-TOP 230V AC/DC
204-207	C.TRENDLUX2-TOP 24V AC/DC
208-213	NORMALUX2 LED
208-213	MULTINORMA2-AT 1h/3h
208-213	C.NORMALUX 230V AC/DC
208-213	C.NORMALUX 24V AC/DC
208-213	NORMALUX2 LED
208-213	MULTINORMA2-AT 1h/3h
208-213	C.NORMALUX 230V AC/DC
208-213	C.NORMALUX 24V AC/DC
214-221	PRIMALUX-A/-B LED
214-221	MULTIPRIMA-A-AT 1h/3h
214-221	MULTIPRIMA-B-AT 1h
214-221	MULTIPRIMA-A+2xLED 1h/3h
214-221	C.PRIMALUX-A/-B 230V AC/DC
214-221	C.PRIMALUX-A/-B 24V AC/DC
222-226	PRIMALUX-AP LED
222-226	MULTIPRIMA-AP 1h/3h
222-226	MULTIPRIMA-APA+2xLED 1h/3h
222-226	MULTIPRIMA-APB+2xLED 1h/3h
222-226	C.PRIMALUX-AP 230V / 24V AC/DC
222-226	C.PRIMALUX-A/APA/APB 230V / 24V AC/DC
227-231	PRIMALUX-AV LED
227-231	MULTIPRIMA-AV 1h/3h
227-231	MULTIPRIMA-AVA+2xLED 1h/3h
227-231	MULTIPRIMA-AVB+2xLED 1h/3h
227-231	C.PRIMALUX-AV 230V / 24V AC/DC
227-231	C.PRIMALUX-AP/APA/APB 230V / 24V AC/DC
232-240	LEDLUX2-P
232-240	MULTILED2-P-AT 1h/3h
232-240	MULTILED2-P-DALI 1h/3h
232-240	C.LEDLUX2-P 230V AC/DC
232-240	C.LEDLUX2-P 24V AC/DC
241-245	LEDLUX2-V
241-245	MULTILED2-V-AT 1h/3h
241-245	MULTILED2-V-DALI 1h/3h
241-245	C.LEDLUX2-V 230V AC/DC
241-245	C.LEDLUX2-V 24V AC/DC

# EMERGENCY LIGHTING: PREMIUM LINE

<b>TRIPLELUX2 LED</b>	<b>248-249</b>
MULTITRIPLE2-AT LED 1h	248-249
MULTITRIPLE2-AT-A+1xLED LED 1h	248-249
MULTITRIPLE2-AT-B+1xLED LED 1h	248-249
C.TRIPLELUX2 LED 230V AC/DC	248-249
C.TRIPLELUX2-A/-B LED 230V	248-249
<b>ARRISLUX2 LED</b>	<b>246-247</b>
MULTIARRIS2-AT LED 1h	246-247
MULTIARRIS2-AT-A+1xLED LED 1h	246-247
MULTIARRIS2-AT-B+1xLED LED 1h	246-247
C.ARRISLUX2 LED 230V AC/DC	246-247
C.ARRISLUX2-A/-B+1xLED 230V	246-247
<b>LEDLUX-SPOT2-V</b>	<b>250-259</b>
MULTILED-SPOT2-A-V 1h/3h	254-255
MULTILED-SPOT2-B-V 1h/3h	257-259
C.LEDLUX-SPOT2-A-V 230V / 24V	254-255
C.LEDLUX-SPOT2-B-V 230V / 24V	257-259
<b>LEDLUX-SPOT2-P</b>	<b>260-265</b>
MULTILED-SPOT2-A-P 1h/3h	260-261
MULTILED-SPOT2-B-P 1h/3h	264-265
C.LEDLUX-SPOT2-A-P 230V / 24V	260-261
C.LEDLUX-SPOT2-B-P 230V / 24V	264-265
<b>LEDLUX-SPOT2-HCA</b>	<b>266-268</b>
MULTILED-SPOT2-HCA 1h	266-268
C.LEDLUX-SPOT2-HCA 230V AC/DC	266-268
C.LEDLUX-SPOT2-HCA 24V AC/DC	266-268
<b>LEDLUX-SPOT2-HCB</b>	<b>269-271</b>
MULTILED-SPOT2-HCB 1h	269-271
C.LEDLUX-SPOT2-HCB 230V AC/DC	269-271
C.LEDLUX-SPOT2-HCB 24V AC/DC	269-271
<b>ROTALUX2 LED</b>	<b>272-274</b>
MULTIEVO 3xLED/5xLED 1h/3h	272-274
C.EVOLUX 3xLED/5xLED 230V AC/DC	272-274
EVOLUX / MULTIEVO 8W 1h/3h	272-274
C.EVOLUX 8W/230V AC/DC	272-274
C.EVOLUX 8W/24V AC/DC	272-274
<b>POWERLUX2 LED IP54</b>	<b>275-277</b>
MULTIEVO 3xLED/5xLED 1h/3h	275-277
C.EVOLUX 3xLED/5xLED 230V AC/DC	275-277
EVOLUX / MULTIEVO 8W 1h/3h	275-277
C.EVOLUX 8W 230V AC/DC	275-277
C.EVOLUX 8W 24V AC/DC	275-277
<b>1LX SPACING TABLES</b>	<b>328-335</b>
1LUX SPACING TABLES - CEILING	328-335
1LUX SPACING TABLES - WALL	328-335





## STANDARD Line

Page No. 277-327



279	MINILED RETROFIT TUBE
279	MINILED RETROFIT TUBE
280-285	NORMALUX LED
280-285	MULTINORMA 3xLED 1h/3h
280-285	NORMALUX 9xLED 1h
280-285	MULTINORMA-DALI 1h
280-285	C.NORMALUX LED 230V AC/DC
280-285	C.NORMALUX-DALI LED 230V AC/DC
280-285	NORMALUX LED
280-285	MULTINORMA 3xLED 1h/3h
280-285	MULTINORMA-DALI 1h
280-285	C.NORMALUX LED 230V AC/DC
280-285	C.NORMALUX-DALI LED 230V AC/DC
286-287	PICTORLUX 8W/LED
286-287	PICTORLUX / MULTIPICTOR 8W 1h
286-287	MULTIPICTOR LED 1h/3h
286-287	C.PICTORLUX 8W 230V AC/DC
286-287	C.PICTORLUX LED 230V AC/DC
286-287	PICTORLUX 8W/LED
286-287	PICTORLUX / MULTIPICTOR 8W 1h
286-287	MULTIPICTOR LED 1h/3h
286-287	C.PICTORLUX 8W 230V AC/DC
286-287	C.PICTORLUX LED 230V AC/DC
288-293	LEDLUX-P LED
288-293	MULTILED-P 3h
288-293	MULTILED-P-AT 1h/3h
288-293	MULTILED-P-BIG-AT 1h
288-293	C.LEDLUX-P 230V AC/DC / -BIG
288-293	C.LEDLUX-P 24V AC/DC
294-299	LEDLUX-V LED
294-299	MULTILED-V 3h
294-299	MULTILED-V-AT 1h/3h
294-299	C.LEDLUX-V 230V AC/DC
294-299	C.LEDLUX-V 24V AC/DC
300-301	LEDLUX-FLAT LED
300-301	MULTILED-FLAT-AT 1h
300-301	C.LEDLUX-FLAT 230V AC/DC
300-301	C.LEDLUX-FLAT 24V AC/DC

EMERGENCY LIGHTING: **STANDARD LINE**

<b>CANLUX-A LED</b>	<b>306-308</b>
MULTICAN-A 1h/3h	306-308
MULTICAN-A-TOP 1h/3h	306-308
C.CANLUX-A 230V AC/DC	306-308
C.CANLUX-A-TOP 230V AC/DC	306-308
<b>CANLUX-B LED</b>	<b>310-311</b>
MULTICAN-B 1h/3h	310-311
MULTICAN-B-TOP 1h/3h	310-311
C.CANLUX-B 230V AC/DC	310-311
C.CANLUX-B-TOP 230V AC/DC	310-311
<b>CUBELUX LED</b>	<b>312-317</b>
MULTICUBE-220-AT 5xLED/1h	312-317
C.CUBELUX-220 5xLED/24V/230V	312-317
<b>HILLUX LED</b>	<b>318-319</b>
MULTIHILL-AT 5xLED 1/3h	318-319
C.HILLUX LED 230V AC/DC	380-381
C.HILLUX LED 110V DC	380-381
<b>MULTIREF LED</b>	<b>320-321</b>
MULTIREF LED 1h	320-321
C.REFLUX LED 230V AC/DC	320-321
<b>FROSTLUX LED</b>	<b>322-323</b>
MUTLIFROST-AT LED/1h	322-323
C.FROSTLUX LED 230V AC/DC	322-323
<b>EXITLUX3 LED</b>	<b>324-327</b>
MULTIEXIT3 LED 1h	324-327
C.EXITLUX3 LED 230V AC/DC	324-327
<b>1LX SPACING TABLES</b>	<b>328-335</b>
1LUX SPACING TABLES - CEILING	328-335
1LUX SPACING TABLES - WALL	328-335



# LIGHTBOX DISPLAYS

CONTENTS



337	MICROINFO
337	MICROINFO 11W
337	MICROINFO-EP 11W
337	MICROINFO 2x15W/E14
338	INFO
338	INFO 11W
338	INFO 2x9W
338	INFO 18W
338	INFO-370 LED
338	INFO-650 LED
339	TOPINFO
339	TOPINFO 11W
339	TOPINFO 2x9W
339	TOPINFO 18W
339	TOPINFO-370 LED
339	TOPINFO-650 LED
340-341	C.CANLUX LED
340	C.CANLUX-A 2xLED
340	C.CANLUX-A-TOP 4xLED
341	C.CANLUX-B 2xLED
341	C.CANLUX-B-TOP 4xLED
342-343	SIGNALUX/MULTISIGNAL/MULTITOP
342-343	C.SIGNALUX 58W / LED
342-343	MULTISIGNAL 58W/1h
342-343	MULTISIGNAL-INF 18W/1h
342-343	MULTITOP-INF 18W/1h



**SEC** is producer of the **whole informational lighting range** (LightBox Displays) for both general and special usage. Choose the **right information** lighting fixture **SEC** which would fulfil your expectations concerning design, power and especially **transfer of information** to the others.

Firma **SEC** vyrába celú škálu **informačných a reklamných svietidiel** pre všeobecné, ale aj špeciálne použitie. Vyberte si práve také informačné alebo reklamné svetidlo **SEC**, ktoré Vám **naplní Vaše očakávania** z hľadiska dizajnu, výkonu, ale hlavne splnenia požiadavky „odovzdať informáciu“ ostatným.





Today, SEC's plant consists of **55000sqm** where also the newest additions to the SEC tech fleet have been placed: 3rd CNC AL profiles machining technology; new **CNC laser** cutting technology for all aluminium, steel and stainless steel parts, new "wet" painting technology, PE powder painting line extension. Recently SEC has also opened new production hall for electronic units which complies with the highest electronics production quality criteria including **ESD protection**. The electronics production including **LED modules** is based on HiTech **SMT SAMSUNG** lines followed by optical inspection quality gate and selective varnishing process in order to reach both the best performance and long lifetime. In addition, SEC has also invested in the latest software applications such as **ERP ORACLE** and **PDM ENOVIA SmarTeam** and applications intended to support the development of lighting fixtures **3DVIA Composer** and **OPTIS** for lighting simulations.

V súčasnosti sa výrobný závod SEC rozprestiera na ploche **55000m<sup>2</sup>**, kde sú umiestnené najnovšie prírastky vo flotile technológií SEC: **laserové CNC centrum** na rezanie hliníkových, ocelových a nerezových komponentov, tretie CNC obrábacie centrum hliníkových profilov, nová lakovňa na báze "mokrých" farieb, rozšírenie PE lakovacej linky. Nedávno bola uvedená do prevádzky aj moderná hala na výrobu dosiek plošných spojov, ktorá spĺňa najvyššie kritériá pre elektrotechnickú výrobu vrátane **ESD ochrany**. Výroba elektronických jednotiek svetiel, vrátane **LED technológie**, je zabezpečená najmodernejšími technológiami **2xSMT linka SAMSUNG**, ich naslednú optickú kontrolu a lakovanie povrchu pre dosiahnutie vysokej kvality a dlhej životnosti. Okrem investícií do výrobných technológií investovala firma SEC do najmodernejších softvérových aplikácií **ERP ORACLE EBS** a **PDM ENOVIA SmarTeam** a aplikácií na podporu vývoja **3DVIA Composer** a **OPTIS** pre svetelno-technické simulácie.

The level of luminaries' production has shifted upwards considerably, also thanks to SEC Lighting - one of the leading companies in the lighting industry. Thanks to the massive investments in production technologies, software, product development and ecology, SEC has become the region's leader and a serious global competitor.

Úroveň výroby svetiel sa opäť raz zvýšila a to i vďaka firme SEC Lighting, ktorá masívnymi investíciami v oblasti výrobných technológií, softvéru, vývoja nových produktov a ekológie zaujala popredné miesto medzi výrobcami svetelnej techniky nielen v regióne ale i vo svete



All these innovations have brought a new range of products using more increasingly progressive sources such as LEDs, NiMH batteries and halogen-free wiring what ultimately led to the establishment of ECOTREND and considerably contributed to the protection of environment.

**Be 'IN'.. Be INnovative with the SEC luminaries.**

Všetky tieto inovácie priniesli nový rad produktov využívajúcich čoraz viac nové progresívne zdroje ako napríklad LED diódy, NiMH akumulátory a "halogen-free" vodiče, čím firma SEC zaviedla ECOTREND v produkcii svojich svetiel a výrazne tým prispela k ochrane životného prostredia.

**Buďte "IN"...**  
**Buďte INovativní so svetidlami firmy SEC Lighting.**





SEC is one of few luminous technique producers in EU that owns certificates for all significant activities in accordance with the standard **ISO 9001:2008**.

All from designing, development and production up to marketing and services. All these activities are in tune with each other and thanks to this fact they create harmonious entirety, the company SEC, that brings to you the products of the highest quality and parameters.

With the luminaries of SEC you are sure all the time you have made the right decision.

**Quality of our products proves it.**

Firma SEC patrí medzi popredných európskych výrobcov svetelnej techniky, ktorí majú certifikované všetky dôležité aktivity podľa normy **ISO9001:2008** - od návrhu, vývoja a výroby až po organizáciu predaja a servisné služby. Všetky činnosti do seba zapadajú a tak vytvárajú pevný celok s presne definovanými vzťahmi. Firma SEC Vám vďaka tomu prináša výrobky tej najlepšej kvality a parametrov.

So svetidlami SEC si môžete byť istí, že ste učinili správne rozhodnutie.

**Kvalita našich výrobkov je toho dôkazom.**



#### CERTIFICATE OF APPROVAL

This is to certify that the Management System of:

**SEC spol. s r.o.  
Jakuba Haška 11  
949 01 Nitra  
Slovakia**

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standards:

**ISO 9001:2008**

The scope of this approval is applicable to:

**Design and development, manufacture and sales of emergency lighting, indoor lighting, electronic ballasts and lighting fixtures for public transport vehicles.**

This certificate forms part of the approval identified by certificate number PRA 6005650.

Approval  
Certificate No: PRA 6005650/B

Original Approval: 21 February 2011

Current Certificate: 21 February 2017

Certificate Expiry: 14 September 2018

*Kana Hovskova*

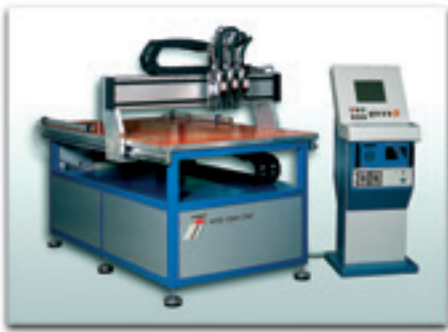
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CNC Stud Welding



3x CNC Aluminum Profiles Machining



7x CNC Punching & Bending Machines



Multi-Tasking Turning Center

MultiCam



CNC Router for PC sheet cutting



2x Laser Cutting Machines:  
• 1x for acrylic sheets cutting  
• 1x for metal sheets cutting



Flatbed UV Printer



MARKETING

ENGINEERING

PROCUREMENT





Photometric Lab



18x Automatic stocking systems



TRI7500TL  
Optical Inspection



Wet & Powder Painting  
Technology  
**GALATEK**



Pick & Place  
SMT Technology  
Electronics Production

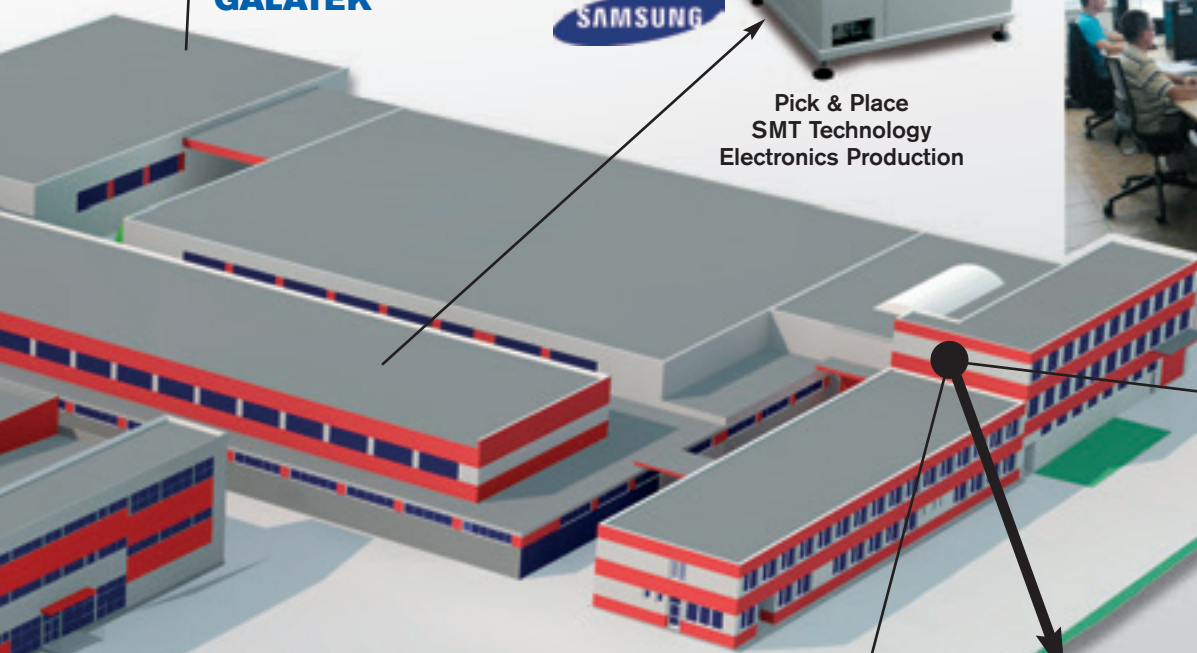


Lead-free  
Soldering

**kirsten**  
soldering ag

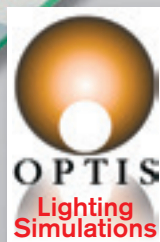


**Design &  
Engineering**



DS CATIA  
DS ENOVIA  
DS 3DVIA

ERP  
**ORACLE**



**OPTIS**  
Lighting  
Simulations

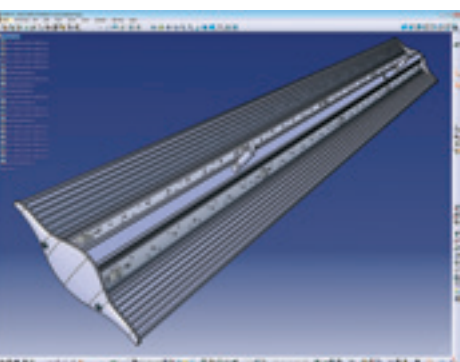
QUALITY

PRODUCTION

SALES

LOGISTICS



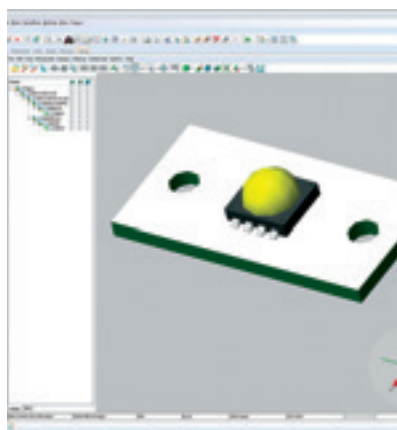
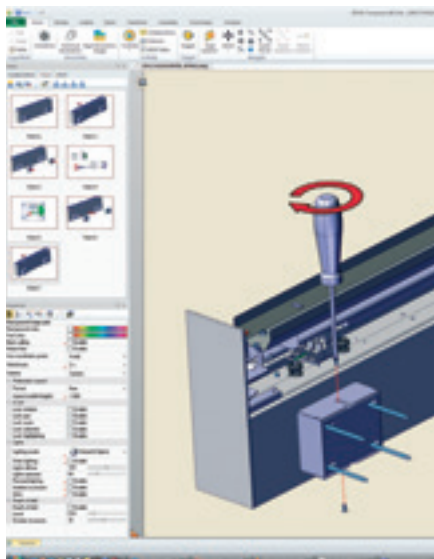


The demand to increase the feed-back speed between market requests and production has led SEC to build up a Hi-Tech base on the field of all development, design and the production process. For the needs of both development and the design of mechanical product parts, SEC uses 3D software and visualization based on **CATIA-CADAM**. This technology allows us to create the new product design before the product sample is made. The possibility of simulating the lighting fixture behaviour is another advantage of this technology.

Potreba zrýchlenia odozvy medzi požiadavkami trhu a realizácie finálnych produktov viedla firmu SEC k budovaniu modernej technologickej základne v oblasti vývoja, technickej prípravy výroby i samotného výrobného procesu. Pre vývoj a konštrukciu mechanických častí výrobkov SEC používa progresívnu technológiu 3D objemového modelovania s následnou vizualizáciou v softvérovom prostredí **CATIA-CADAM**. Táto technológia nám umožňuje hneď na prvom stupni vývoja výrobku predložiť tvarové a konštrukčné riešenie verne zobrazujúce predpokladané riešenie potenciálnemu odberateľovi. Nemalou prednosťou je možnosť simulovať budúcu aplikáciu vo virtuálnom prostredí so stanovením optimálnych svetelno-technických vlastností.

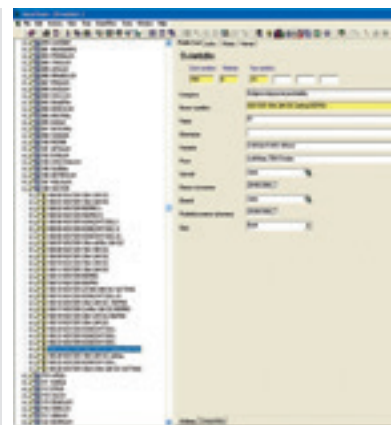
Dassault Systèmes' **3DVIA Composer** is a desktop application for revolutionizing the creation of product deliverables. Animation including kinematics and reverse-kinematics, as well as high-resolution raster images including BMP, JPG, PNG and TIF files, can be created easily. Producing 2Dline art as SVG and CGM files quickly and easy with 3DVIA Composer's built-in technical illustration capabilities. 3DVIA Composer allows users to control and manage access to their intellectual property in 3DVIA Composer-generated deliverables. With "Right Manager" settings, content creators can manage access control when playing content with 3DVIA Composer Player and can also use patented "Secure3D" technology to prevent copying or theft of the intellectual property.

**3DVIA Composer** od Dassault Systèmes' je desktop aplikácia určená na revolučné riešenie tvorby produktových výstupov. Animácie, ktoré zahŕňajú kinematiku a reverznú kinematiku, ako aj rastrové obrázky s vysokým rozlíšením vrátane BMP, JPG, PNG a TIF, je veľmi ľahké vytvoriť. Tvorba 2D čiarových grafov ako SVG a CGM je rýchla a jednoduchá vďaka zabudovaným schopnostiam technickej ilustrácie. S nastaveniami 'Right Manager' môžu tvorcovia obsahu pri prehrávaní obsahu spravovať prístup a taktiež môžu použiť patentovanú Secure3D technológiu, aby sa tak zabránilo kopírovaniu alebo krádeži duševného vlastníctva.



Dassault Systèmes' **ENOVIA SmarTeam** delivers world-class, rapid-value Product Lifecycle Management engineering departments of large enterprises. Its customer enjoy rapid business benefits through optimised control over diverse product data across sites and product-centric processes that drive collaboration across design and engineering domains, the entire enterprise, and with supply chain partners. ENOVIA SmarTeam is robust, flexible and offers low total costs of ownership.

**ENOVIA SmarTeam** od Dassault Systèmes prináša technickým oddeleniam veľkých podnikov produkt svetovej triedy a rapidnej hodnoty: Product Lifecycle Management (riadenie životného cyklu produktu). Zákazník užíva obchodné výhody, ktoré mu prináša optimalizované ovládanie rozličných produktových dát a produktovo zamerané procesy, ktoré poháňajú spoluprácu naprieč konštrukčnými a inžinierskymi doménami, celým podnikom a dodávateľskými reťazcami.

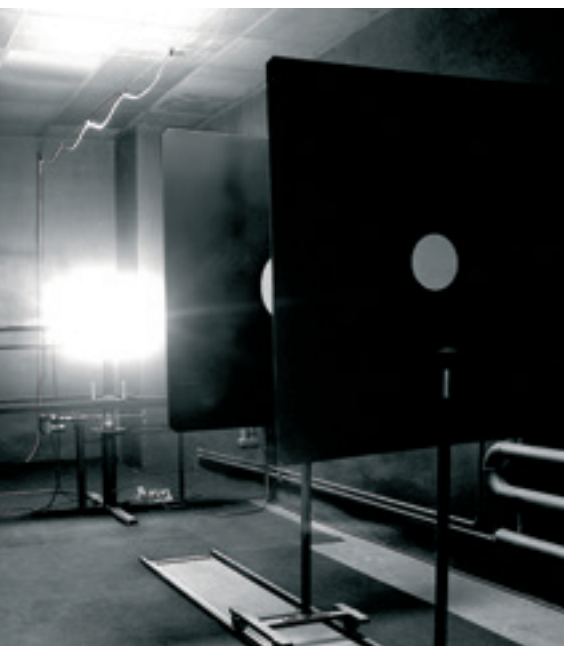
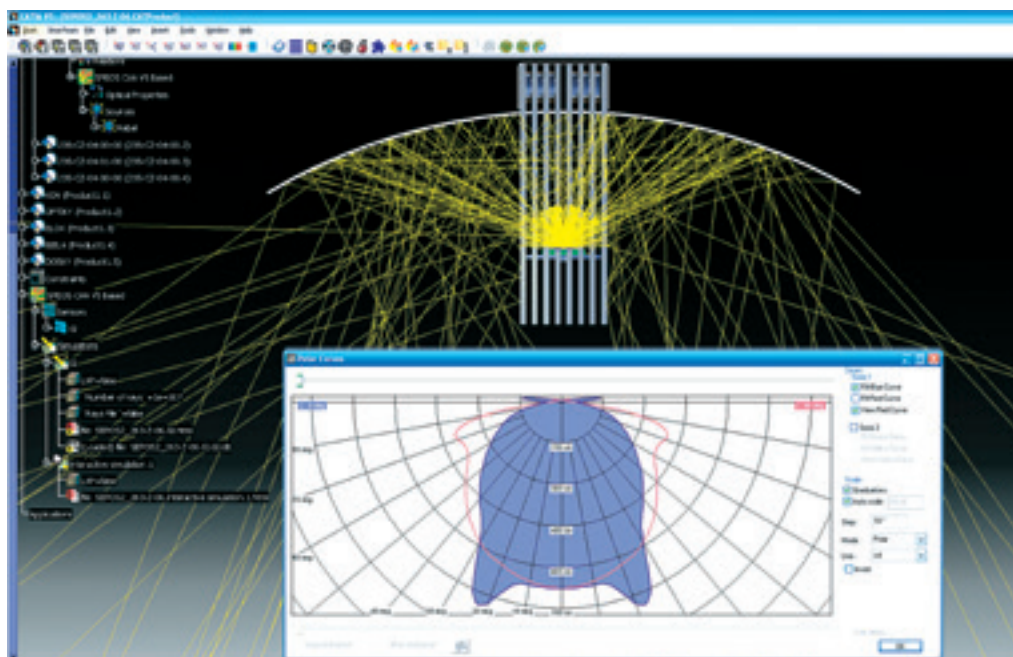


SEC is one of few lighting fixture producers that owns complete lighting simulation software and photometric lab for measuring lighting parameters. Lighting simulation **OPTIS** is the world's leading editor of **CATIA** integrated solutions providing physics-based simulation and optimization of lighting systems. By taking into account human vision and the physical properties of materials, OPTIS tools enable us to optimise lighting performance, visualise lit and unlit appearance, and collaboratively validate colours, textures and shapes. Later can be the results proved by real lighting measurements in our photometric lab.

Firma SEC patrí medzi popredných výrobcov svetelnej techniky, ktorí disponujú moderným softvérom a fotometrickým laboratóriom. Softvér **OPTIS** je svetový leader v simulácii svetelno-technických parametrov svetidiel v prostredí integrovanom pod CAD systémom **CATIA**. Vďaka tomu v reálnom čase už počas vývoja vieme simulovať a optimalizovať svetelný systém využívajúc fyzikálne parametre.

**OPTIS** ponúka možnosť vizualizovať svetidlo rozsvietené/zhasnuté a vďaka simulácii ľudského videnia dokáže zobrazíť reálne videné farby, tvary a povrchy.

Následne môžu byť tieto výsledky overené v našom svetelno-technickom laboratórii už na reálnej vzorke svetidla.



**Photometric Lab:** Thanks to 12m long goniofotometer we are able to verify photometric parameters of new lighting even within development process. All of this is done with special emphasis on harmony of design and optimal lighting parameters. Optimal lighting parameters of SEC fixtures are the result of long-time measurements and consequent analysis by **SPEOS**. These results determine the fixture design. Lighting fixture efficiency is measured by sphere integrator with 3m diameter

**Fotometrické laboratórium** na meranie fotometrických parametrov svetidiel a svetelných zdrojov: Pomocou goniofotometra s dĺžkou 12m je možné už v etape vývoja verifikovať fotometrické vlastnosti vyvíjaného svetidla s dôrazom na súlad designu s optimálnymi svetelno-technickými parametrami, ktoré sú výsledkom dlhodobých meraní a následných analýz v softvérovom prostredí **SPEOS**, ktorých výsledky sú premietnuté do ich konštrukcie. Účinnosti svetidiel sú merané v guľovom integrátore s priemerom až 3m.

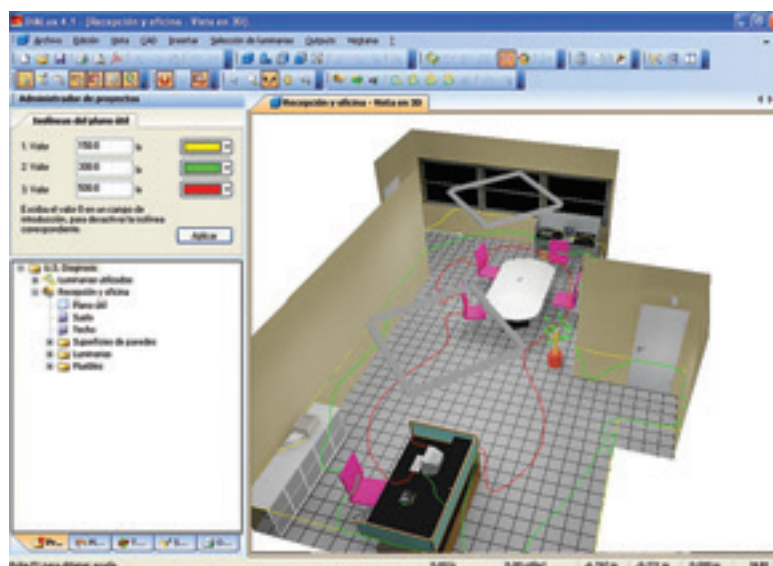


We bring you complex software support based on **DIALUX** which enables you to design lighting project which takes into the consideration all necessary factors in order to reach optimal power consumption balance.

Ask us for **LDT files** on [lab@sec.sk](mailto:lab@sec.sk) or you can download them from [www.sec.sk](http://www.sec.sk)

Na základe nameraných parametrov Vám prinášame komplexnú podporu, založenú na PC programe **DIALUX**, pomocou ktorej Vám navrhne optimálnu svetelnú sústavu s ohľadom na všetky potrebné faktory s cieľom dosiahnuť komfort osvetlenia pri optimálnej energetickej bilancii.

Vyžiadať si **LDT súbory** na [lab@sec.sk](mailto:lab@sec.sk) alebo ich nájdete na [www.sec.sk](http://www.sec.sk)





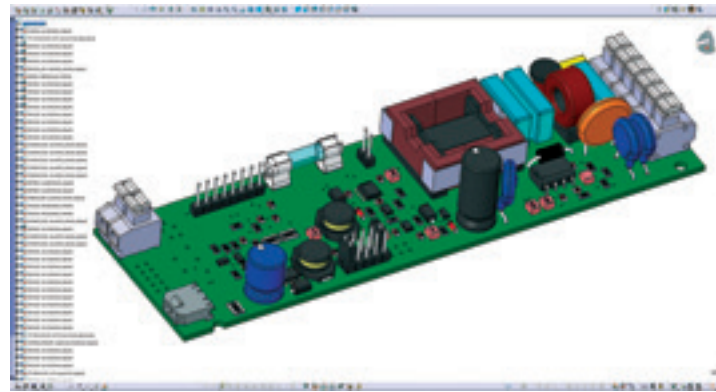
- **IMPROVE** product performance, functionality and reliability
- **REDUCE** physical prototyping and production costs
- **MINIMIZE** risk of making design mistakes



During the engineering and design process of a new product SEC pays high attention on the **reliability and life time parameters of an electronics including the LED modules**. In order to manufacture high quality electronics we regularly use powerful software tool for thermal analysis which allows us to identify and avoid all risks due to the thermal load of any electronic component.

It enables broadbased mechanical design engineers to perform fluid-flow and heat transfer simulations directly from their 3D CAD models:

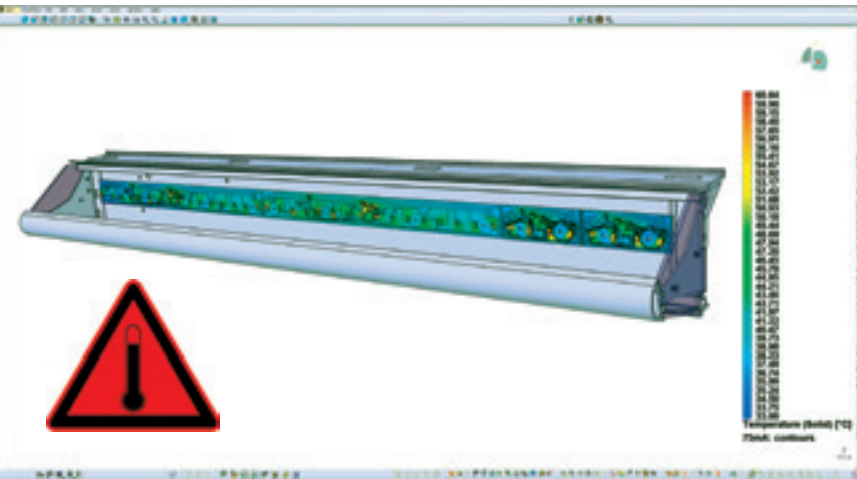
- Reduce prototyping costs drastically by replacing physical tests with virtual tests;
- Increase product quality while reducing production costs by helping your team reduce errors and create better products; and
- Shorten the development cycle by enabling your team to conduct "what-if" tests quickly.



### Electronics Module

The Electronics Cooling Module contains several features that make **thermal management simulations** of electronic systems more accurate. Besides extended databases of fan curves and packaging material or 2-Resistor components, it also contains specialized features and physics such as a PCB model and joule heating due to current flow.

The Electronics Cooling Module is ideal for more detailed simulations of electronics systems.



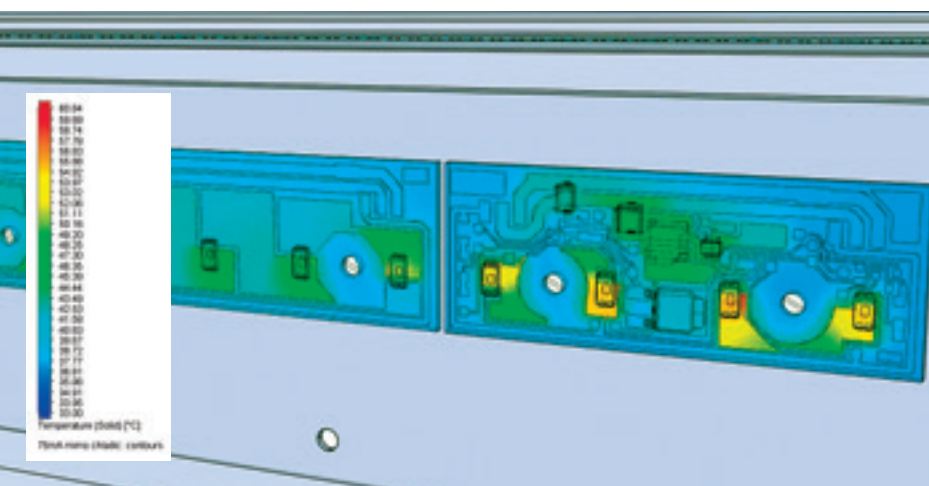
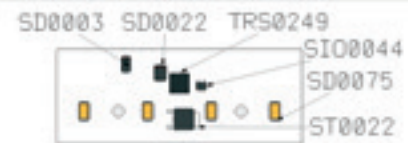
### LED Module

In order to obtain accurate results in lighting applications, special physics need to be considered. The LED Module is not only suitable for LED lighting applications but also for any other lighting applications. It contains the necessary radiation models such as Discrete Ordinate and Monte Carlo and provides capabilities to absorb radiation in transparent materials and considers refraction such as in lenses.

The LED Module is the ideal module for the lighting industry and especially for LEDs, it includes a new unique LED model that provides the junction temperature and hot lumen.

### Results: Normal mode 75mA Critical components

SEC number	Name	Max temperature - analysis	Max temperature - datasheet
SIO0044	AL8807	59.5°C	150°C
TR50249	NR56045	52.5°C	105°C
SD0022	SS26	46.5°C	150°C
SD0003	BYG10M	54.5°C	150°C
ST0022	IRFR420	45°C	150°C
SD0075	DURIS E5	59°C	120°C



## RAMS/LCC

As a result of this analysis we gain all relevant information needed for **RAMS/LCC analysis** (refer also to page No.45 for more details).

SEC LCC analysis gives you the information about all service and maintenance costs needed during the whole lifetime of a train.

Thanks to this SEC is able to find the best balance between all the lighting performance, reliability and **Total Cost of Ownership (TCO)**.

**You can be sure you get the perfect product with high level of quality and reliability.**

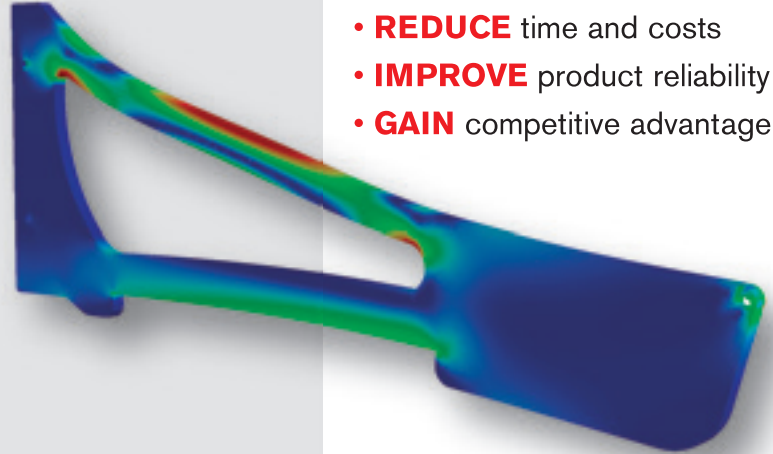
Besides the thermal analysis SEC pays high attention on the **structural analysis**, especially for both luggage racks and ceiling parts. SIMULIA provides us the complete design-integrated simulation capabilities within the CATIA V5 design environment. Our designers use the familiar CATIA user interface to perform analysis directly on their master reference model in CATIA. The combined CATIA Analysis and the SIMULIA Extended Analysis product suites offer us the possibility to accurately size our designs and quickly evaluate the real world performance during the design phase.

## Generative Part Structural Analysis

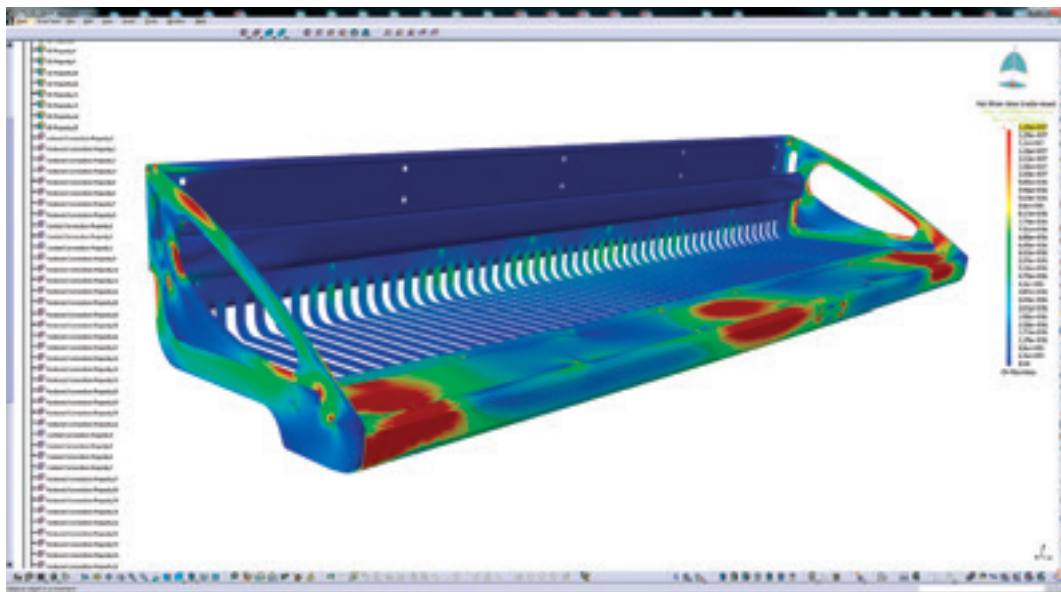
Generative Part Structural Analysis allows us to understand how our designs behave and to accurately calculate the displacements and stresses within the part under a variety of loading conditions. It also allows the vibration characteristics of parts to be assessed by calculating the natural frequencies and the associated mode shapes. Analyses can be performed on volume parts, surface parts and wireframe geometries.

### Highlights:

- Allows our designers to more accurately size parts and understand the mechanical behavior of their designs
- Provides rapid and accurate assessment of stress, displacement, and vibration characteristics
- Analysis is performed within the CAD environment so the analysis model is fully associative with the CAD geometry and specification
- Tightly integrated with knowledge-based engineering
- Seamless analysis data management within PLM



- **REDUCE** time and costs
- **IMPROVE** product reliability
- **GAIN** competitive advantage



## Generative Assembly Structural Analysis

Generative Assembly Structural Analysis extends the capability of Part Structural Analysis, allowing our designers to analyze assemblies as well as individual parts. The analysis of assemblies, including an accurate representation of the way the parts interact and are connected, allows more realistic and accurate simulation.

### Highlights:

- Achieves fast and accurate structural and modal analysis of an assembly
- Uses the assembly constraints and parts material specifications from the design
- Provides a wide range of connections and interactions
- Simulates the effect of bolt tightening and pressure fitting
- Supports assembly of analysis for efficient concurrent engineering

## Nonlinear Structural Analysis

Nonlinear Structural Analysis extends the CATIA V5 Analysis capabilities to allow more advanced simulation that includes nonlinear effects, such as large displacements and material nonlinearity. Material plasticity, typical of metals, can be modeled, as can the nonlinear elasticity in hyperelastic materials like rubber. Nonlinear Structural Analysis also provides more advanced contact capability including the automatic creation of contact surfaces based on their geometric proximity.

### Highlights:

- Includes the effect of large displacements
- Allows the plastic deformation of materials to be modeled
- Models the nonlinear elasticity of rubber and other hyperelastic materials
- Multi-step analysis allows the effect of multiple sequential loadings to be analyzed
  - Provides advanced contact capability including automatic contact detection
- Performs thermal stress analysis when used in conjunction with Thermal Analysis



**SMT ASSEMBLY**

SEC uses 2 SMT electronics production lines. This technology ensures a highest level of quality, minimalizes human errors and allows us to manufacture very **sophisticated electronic designs**.

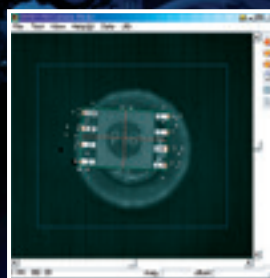
The automatic assembly machines Samsung SM320 and SM421 offer all:

- High productivity (16000CPH+21000 CPH)
- high flexibility (components from 0201 up to 55x55mm or connector up to length 72 mm)
- high assembly accuracy to 30microns at 3 sigma for QFP and IC components with the fine pitch

Firma SEC vyrába všetky elektronické podzostavy svetidiel vrátane LED modulov na špičkovej SMT technológiach, ktorých srdcom sú **SAMSUNG** osadzovacie stroje. Použitie špičkovej technológie povrchovej montáže dosiek plošných spojov (**SMT**) zabezpečuje **vysokú kvalitu** a opakovateľnosť výrobného procesu, minimalizuje chyby ľudského faktora a umožňuje výrobu i vysoko náročných technických riešení.

SMT automaty Samsung SM320 a SM421 ponúkajú:

- vysokú produktivitu (16 000 CPH + 21 000 CPH),
- vysokú flexibilitu (komponenty od 0201 do 55x55 mm, resp. konektory až do dĺžky 72 mm)
- vysokú osádzaciu presnosť až 30 microns pri 3 sigma pre QFP a IC komponenty s jemnou roztečou.

**Robust Vision Algorithm****SOLDERING**

Lasting reliability of our electronic units

is ensured through utilization of the most up to date solder wave technology covered by nitrogen atmosphere by **KIRSTEN**.

**PÁJANIE**

Dlhodobá prevádzková spoľahlivosť vyrábaných elektronických častí svetidiel SEC je zaručená použitím jednej z najmodernejších technológií spájkovania dutou cínovou vlnou v dusíkovej ochrannej atmosfére od firmy **KIRSTEN**.



**RoHS**  
COMPLIANT  
2002/95/EC



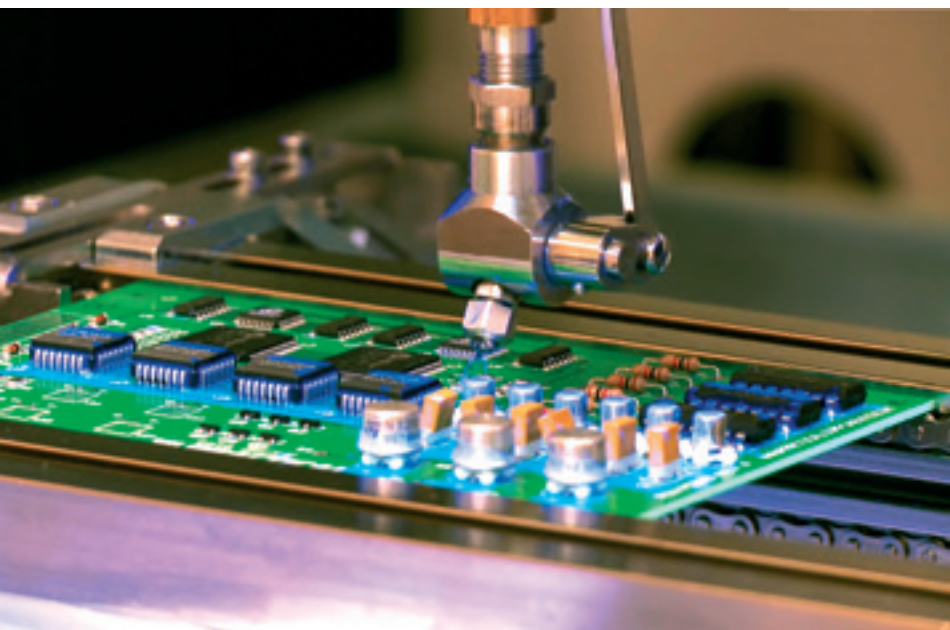


#### PCB COATING LINE

The coating machine Asymtek SL-940 E is an absolute market leader and number One on the market in the field of selective coating of PCB. The device is equipped with both a patented filmcoat applicator for surface coating application with a very exact definition of the application edge and a precise jet applicator for the fine spot application on the areas with high selectivity. For the productivity increase and the possibility of further handling with the coated PCB the device is supplied with the curing oven Asymtek TC-2400 V4 which combines the infra-red heating with the convection evacuation of solvent vapours. Both devices are equipped with the air flow monitoring which prevents the formation of explosive environment and so they ensure a safe operation.

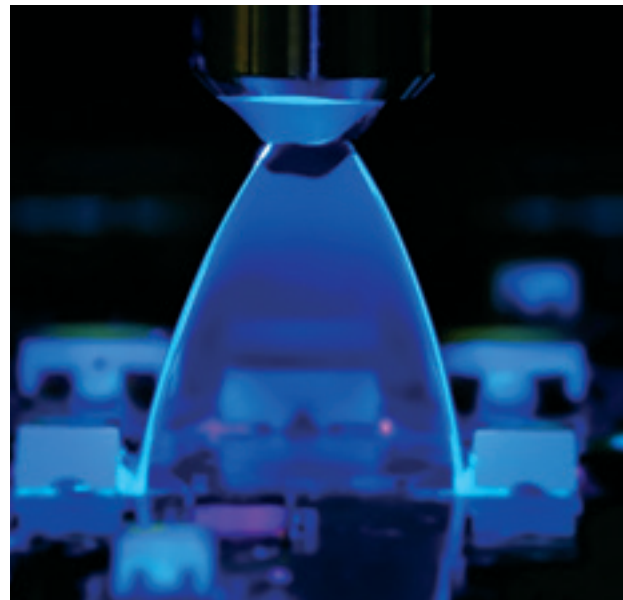
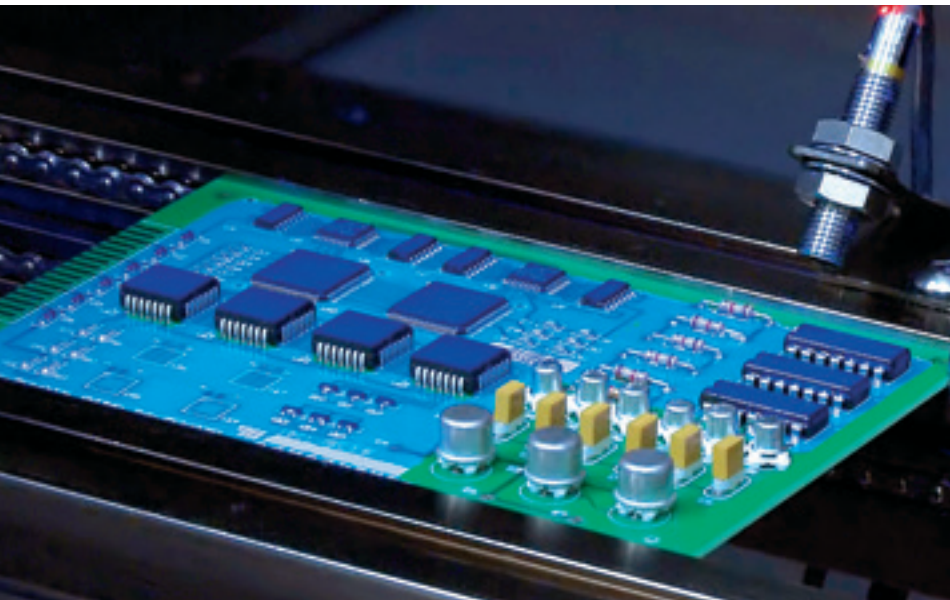
#### LAKOVACIA LINKA DPS

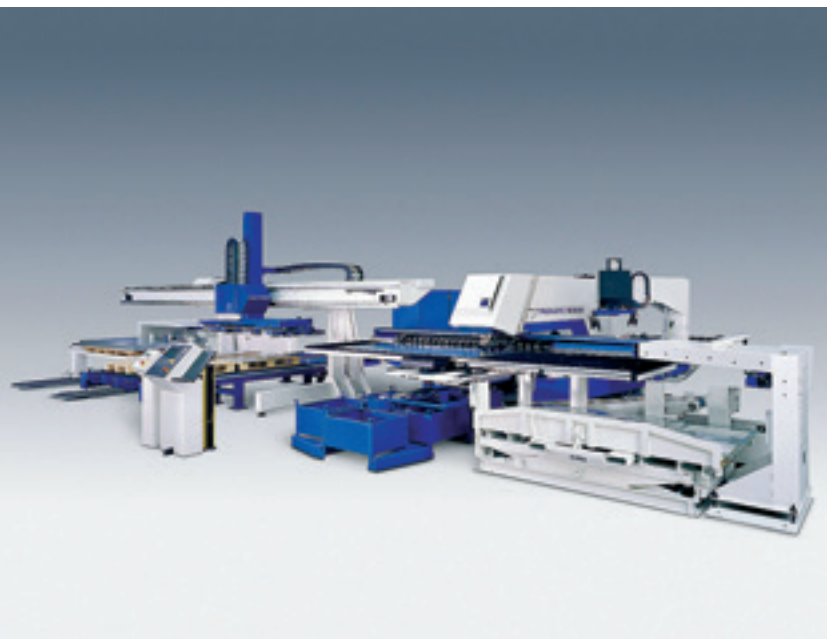
Lakovacie zariadenie Asymtek SL-940 E je absolútnou špičkou a jednotkou na trhu v oblasti selektívneho lakovania DPS. Zariadenie je vybavené patentovaným filmcoat aplikátorom pre plošné nanášanie laku s veľmi presnou definíciou okraja nástreku a precíznym jet aplikátorom pre jemné bodové nanášanie na miestach s vysokou selektivitou. Pre zvýšenie produktivity a okamžitú možnosť ďalšej manipulácie s lakovanými DPS je zariadenie doplnené o vytvrdzovaciu pec Asymtek TC-2400 V4, ktorá kombinuje infračervený ohrev s konvekčnou evakuáciou pár rozpúšťadiel. Obe zariadenia sú vybavené monitorovaním prietoku vzduchu, čím zabraňujú vzniku výbušného prostredia a tak zabezpečujú bezpečnú prevádzku.



Surface Coating FilmCoat Applicator Detail

Detail "FilmCoat" aplikátora pre plošné nanášanie laku

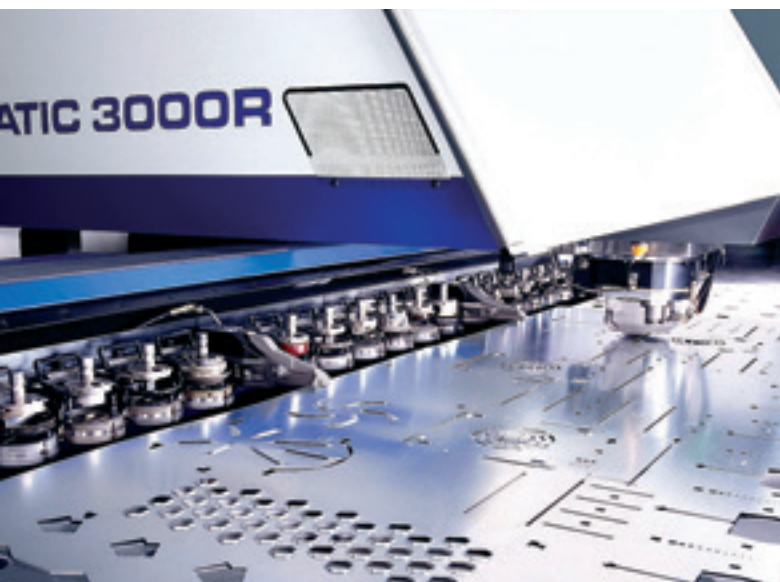
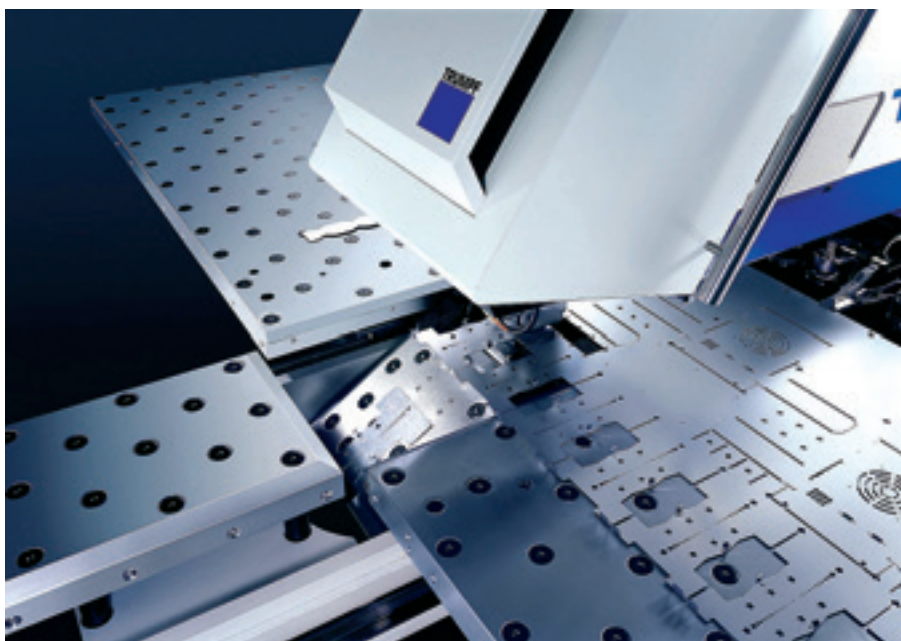


**CNC PUNCHING**

High level of flexibility in the field of **METAL PLATE PROCESSING** has been reached by using one of the most modern **CNC technology by TRUMPF**. SEC uses the fleet of CNC punching machines which allow us to reach high level of accuracy, speed and flexibility. The working area is 2500x1250mm, max sheet thickness 8mm and max punching force 220kN. The max punching speed (E=1mm) 1400/min. Thanks to this we are also able to produce all metal parts according to customers individual requirements.

**CNC DIEROVANIE**

Vysoká flexibilita výroby kovových dielov a tým i finálnych výrobkov je zaručená použitím jednej z najmodernejších CNC technológií na spracovanie plechu od firmy TRUMPF. Firma SEC využíva celú flotilu CNC vysekováčich strojov dosahujúcich vysokú presnosť, rýchlosť a flexibilitu výroby. Max rozmer pracovnej plochy je 2500x1250mm, materiál do hrúbky max 8mm a max raziaca sila do 220kN. Max rýchlosť razenia je až 1400/min (E=1mm). To všetko dáva predpoklad pre výrobu dielov, ale aj kompletných svetiel aj podľa individuálnych požiadaviek našich zákazníkov.





# CNC Metal Sheet Processing



## CNC BENDING

All quality, flexibility and productivity are the most important features we need on a daily base to be able to manufacture all standard products but also the customised ones based on your requirements. SEC uses TRUMPF bending machines fleet which allows us to comply with this goals. The max bending length is 2500mm and max press force 800kN. Thanks to this we are also able to produce all metal parts also according to customers individual requirements.



## CNC OHÝBANIE

Kvalita, flexibilita a produktivita sú požiadavky, s ktorými musíme denne počítať pri výrobe našich štandardných výrobkov, ale aj tých individuálnych od zákazníkov. Vďaka flotile CNC ohýbacích strojov TRUMPF vieme tieto požiadavky splniť včas a vysokej kvalite. Max ohýbacia dĺžka je 2500mm s max silou 800kN. To všetko dáva predpoklad pre výrobu dielov, ale aj kompletných svetidiel aj podľa individuálnych požiadaviek našich zákazníkov.



All CNC TRUMPF machines are connected via SEC intranet to both ERP ORACLE and PDM datamanagement Smarteam. It ensures both high level of flexibility of production and reduces the human error to minimum. Thanks to this all machines always receive right CNC data based on validated drawings which keeps the production flow smoothly running during the shift.

Všetky CNC stroje TRUMPF sú cez SEC intranet priamo napojené na ERP PRACLE a PDM datamanagement Smarteam softvér, čo zaručuje súčasne vysokú úroveň flexibility výroby a redukuje možnosť ľudskej chyby operátora na minimum. Vďaka tomu všetky stroje dostávajú v reálnom čase tie správne CNC dáta podľa aktuálne platných výkresov výrobkov, čo zaručuje plynulý chod výroby.

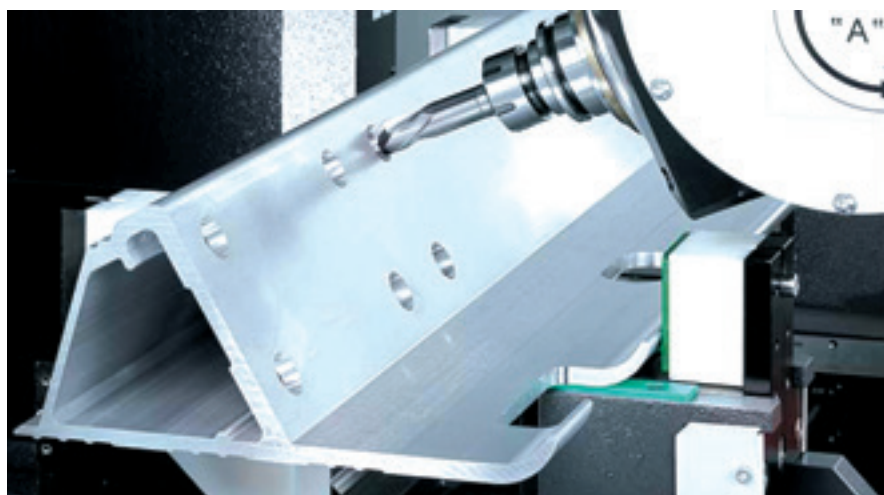


**EXTRUDED ALUMINUM PROFILES MACHINING**

the drilling, routing, tapping, cutting and notching of aluminum profiles (up to the length 15m, 500x500mm in section) is ensured by CNC profile machining centre. Thanks to this we are able to offer you customised aluminum profiles processing with both highest accuracy level and highest quality.

**CNC OBRÁBANIE AL PROFILOV**

vŕtanie, frézovanie a pílenie hliníkových profilov do dĺžky max.15m a do prierezu max.600x600mm pomocou CNC obrábacieho centra. Vďaka tomu je firma SEC schopná Vám poskytnúť riešenia svietidiel alebo samotných hliníkových profilov na mieru v najvyššej presnosti a kvalite.

**MULTI-TASKING TURNING CENTER**

The integration of machining center and turning center gives us unmatched flexibility in a wide variety of parts configurations. From simple turning and milling, to complex multi-axis simultaneous machining, all operations can be completed in one machine. Off-center machining with the Y-axis and milling of angled surfaces with the B-axis greatly increases the range of our applications.

**CNC OBRÁBACIE CENTRUM**

integrácia obrábacieho a frézovacieho centra nám dáva doteraz nedosiahnuteľnú flexibilitu vo vlastnej výrobe širokého sortimentu dielov pre svietidlá SEC. Od jednoduchého vŕtnia až po komplexné viacosové simultánne obrábanie, všetky takéto operácie zvláda jeden stroj. Navyše ďalšia frézovacia Y-osá hlava pre obrábanie uhlových plôch s B-osou výrazne zvyšuje možnosti technológie a rozsah našich aplikácií.





**GALATEK**

# Stud Welding & PowderPainting

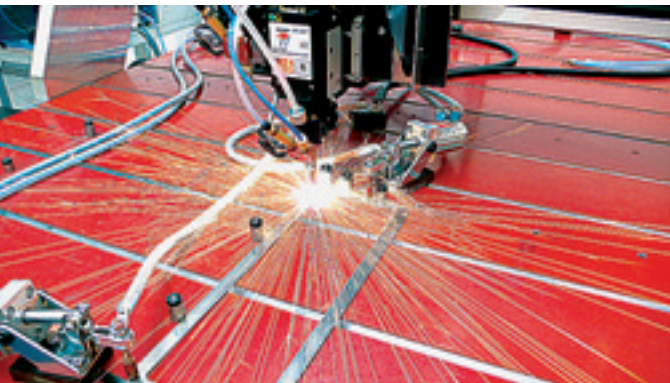
SEC Lighting

## SOYER KT-1550

presents highest quality of  
**CNC capacitor discharge STUD WELDING.**  
It ensures us the long term perfect joints.

## SOYER KT-1550

predstavuje najvyššiu kvalitu v **CNC bodovaní skrutiek**,  
čo zaručuje perfektnú dlhodobú kvalitu spojov.



## PAINTING (POWDER & WET)

All, perfect pre-finishing of metal parts  
in automatic degreasing line together  
with modern technology with controlled:

- Powder painting and
- Wet painting technology

guarantees the high quality and colour  
tones variability of metal parts coatings.

## LAKOVACIE LINKY (PRÁŠKOVÁ + MOKRÁ)

Dokonálna predúprava kovových dielov  
automatickej odmasťovacej linky  
v súčinnosti s modernou  
technológiou:

- elektrostatického nanášania farby a
- mokrého lakovania

dáva záruku  
vysokej kvality a variability  
farebných odtieňov povrchovej  
úpravy dielov SEC svetidiel.







#### UV FLATBED PRINTER OCÉ ARIZONA 350XT

thanks to this unique hi-tech UV printer SEC is able to manufacture the whole assortment of its own pictograms (legends) based on both solid materials (as acryl or PC up to max thickness 50mm) or self-adhesive labels in highest quality level 1200dpi in max size 3x2m. It allows us to be flexible in production of emergency lighting legends and even for customised solutions especially illuminated informational or advertisement panels. When the whole sheet of acryl is finished with the legend printing it is cut into the pieces by laser technology SEI.

#### UV FLATBED TLAČIAREŇ OCÉ ARIZONA 350XT

Firma SEC je vďaka tejto jedinečnej tlačiarňi samostatná vo vlastnej výrobe piktogramov pre informačné, núdzové alebo reklamné svietidlá. Tlačiareň je schopná potlačiť všetky pevné (plexi, plech, drevo, sklo do max. hrúbky 50mm) a samolepiace materiály pri maximálnom rozmere 3x2m vo fotografickej kvalite 1200dpi. Tlačiareň má 10 tlačových hláv (CMYK+biela). Prednosťou technológie je, že farba je okamžite po nanosení na materiál vytvrdzovaná UV svetlom. Po natlačení celého formátu je tento následne rozrezaný laserom na technológii SEI na jednotlivé kusy, ktoré sú samotným difúzorom svietidla vrátane grafického piktogramu na jeho povrchu.

#### LASER MERCURY 609

for laser cutting of acrylic sheets with the highest accuracy level 0,05mm and max speed 2000m/s. Its power 350W is perfect to cut the acryl sheet 10mm thick in 3x2m size. The system includes both automatic loader/ unloader and CCD camera which increases its productivity enormously. SEI laser works in tandem with OCÉ UV FlatBed printer.

#### LASER MERCURY 609

používaný firmou SEC na rezanie PMMA dosiek na rovinné kryty svietidiel s presnosťou 0,05mm a rýchlosťou až do 2000m/s. Maximálna veľkosť PMMA dosky je 2x3m. S výkonom 350W si hravo poradí aj s materiálom hrúbky 10mm, ktorá je dostatočná pre všetky aplikácie SEC. Systém je vybavený automatickým nakladaním a vykladaním a CCD kamerou. V spolupráci so zariadením OCE Arizona sa tieto dve technológie podieľajú na 100% samostatnosti SEC vo výrobe rovinných plastových krytov svietidiel vrátane závesných tabuliek a piktogramov pre núdzové, informačné a reklamné svietidlá.



#### 3000 SERIES ROUTER

All steel powerhouse designed for large PC sheet format CNC Routing for SEC lighting fixtures diffusers. The 3000 Series moving gantry design machine capable of processing a unit of material that allows 152mm clearance.

- Rapid transverse of 45,7m/min
- High-speed feedrate of 25,4 m/min
- High speed 32.000 RPM, high power industrial standard spindles
- Control system with advanced industrial oriented features

The above given parameters rank the MultiCam 3000 Series Router best in its class of machinery.

#### 3000 SERIES ROUTER

určený pre CNC rózovanie veľkoformátových PC polykarbonátových dosiek na svetelno-činné kryty svietidiel SEC. Vďaka jeho designu je možné frézovať materiál až do hrúbky 152mm.

- rýchlosť posuvu až 45,7m/min
- rýchlosť obrábania až 25,4m/min
- 32000 ot/min, vysokovýkonné priemyselné vretená
- riadiaci systém s rozšírenými priemyselnými orientovanými parametrami.

Všetky vyššie uvedené parametre zaraďujú MultiCam 3000 Series Router na prvé miesto v jeho triede.

**ORACLE ERP**

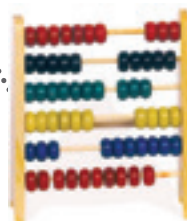
thanks to the complex ERP system SEC is capable to guarantee the production and delivery of your order on time and both in the right quantity and quality.

**ORACLE EPR**

Firma SEC je vďaka komplexnému ERP systému dosiahnuť, že objednané produkty vám vyrobíme a dodáme načas, v správnom množstve a kvalite.

**Master Production Schedule (MPS)****Item Master Data (Technical Data)****Bill of Materials (BOM)****Production Resources Data****(Manufacturing Technical Data)****Inventories and Orders (Inventory Control)****Purchasing Management****Material Requirement Planning (SFC)****Capacity Requirement Planning (CRP)****Standard Costing (Cost Control)****Cost Reporting / Management (Cost Control)**

# ENTERPRISE RESOURCE PLANNING ERP

**100% TESTING & LOGISTICS**

**Perfect built-up logistics and information systems** ensure that each component is on the right place in the right time and each product is delivered to you in time in the **highest quality standard**.

**Each lighting fixture**, before you get it, is being **100% TESTED FOR 48 HOURS**.

Within this period all technical parameters are measured in accordance with their technical specification.

**TESTOVANIE A LOGISTIKA**

Dokonale vybudovaný informačný a logistický systém

je zárukou, že každý jeden komponent je včas na správnom mieste a každý jeden finálny výrobok je včas a v najvyššej kvalite doručený zákazníčkovi.

Na konci výrobného procesu sa sami uistujeme **100% testom každého svetidla** o vysokej kvalite finálneho produktu skôr ako odchádza k Vám.

Každé svetidlo je zahorované **48 hodín**, počas ktorých sú zmerané parametre v súlade s technickými podmienkami výrobu.





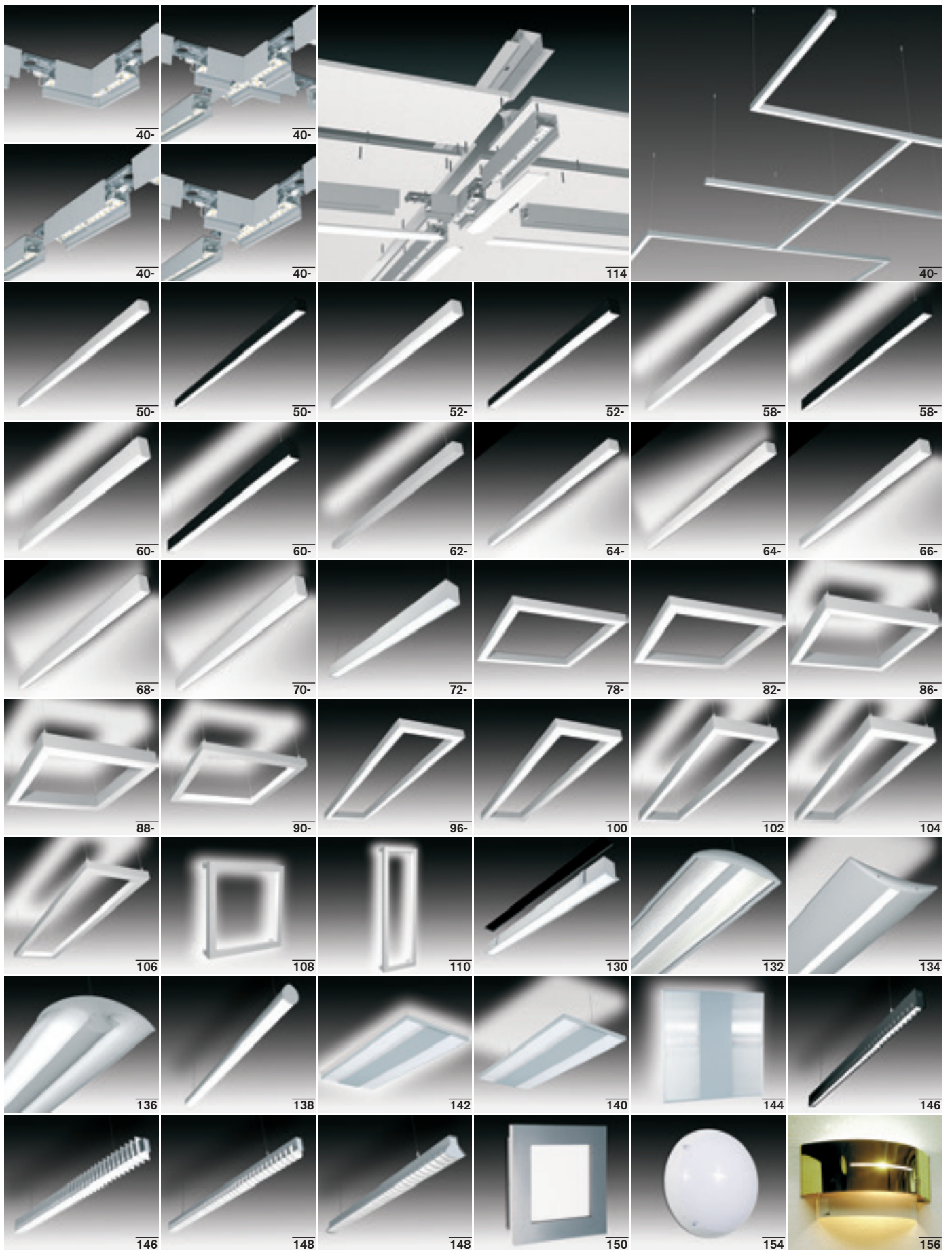
Product

**Assortment**

**ARCHITECTURAL  
LIGHTING**

**INTERIÉROVÉ  
SVIETIDLÁ**

Page No: **28-157**





MODULAR LED Ceiling or Suspended Luminaires for direct illumination

## WEGA-MODULE2 LED MODULAR BLOCKS

Office building lighting application



## **WEGA-MODULE2 LED** MODULAR BLOCKS





MODULAR LED Ceiling or Suspended Luminaires for direct illumination

## **WEGA-MODULE2 LED** MODULAR BLOCKS

Office building lighting application



## WEGA-MODULE2 LED MODULAR BLOCKS





MODULAR LED Ceiling or Suspended Luminaires for direct illumination

## WEGA-MODULE2 LED MODULAR BLOCKS



I

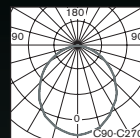
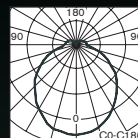
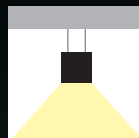
IP20

230V

LED

CRI  
min 80

DALI



**WEGA-MODULE2 MODULAR BLOCKS** is kind of **modular “LEGO” lighting system** allowing to create customised ceiling or suspended mounted lighting fixture in **customised both size and shape without any dark areas** especially thanks to **active illuminated joints in X,L,T,I shapes**. The lighting system can be installed directly on the ceiling or mounted on wire rope suspension.

The following system blocks are available:

- LED lighting modules including inner “inline” wiring allowing to interconnect them together
- extruded opal “milky” polycarbonate diffusers in different lengths / shapes
- active illuminated joints in X,L,T,I shapes
- wire rope suspension
- 230V transparent cable and the ceiling outlet cover including WAGO terminal block

Exquisite slim design ceiling or suspended lighting fixture for smooth, comfortable and energy saving direct illumination is suitable especially for all representative areas, offices, hotels, shops, exhibition areas, banks or even modern residential areas.

It is made only from high quality materials:

- body made of pure aluminum profile available in following surface treatments:
  - anodised AL
  - white matt RAL9003
  - black matt RAL9005
- extruded opal “milky” polycarbonate diffusers available in two versions:
  - flat shaped
  - “U” shaped

All lighting modules are **DALI ready**, equipped with LED OSRAM DALI electronics and high efficient SAMSUNG LEDs in 3000K or 4000K.

**WEGA-MODULE2 MODULAR BLOCKS** je moduluárny svetelný “LEGO” systém, ktorý umožňuje vyskladať stropné prisadené alebo závesné svetidlo vo vami **požadovanom tvare a veľkosti BEZ “TMAVÝCH” NEOSVETLENÝCH MIEST** aj vďaka aktívnym plne osvetleným spojкам v tvare T,L,X,I. Svetidlo je možné montovať priamo na strop alebo na závesný lankový systém.

Jednotlivé komponenty systému sú:

- LED moduly rôznej dĺžky s vnútornou kabelážou pripravenou pre “inline” napájanie,
- extrudované opálovo “mliečne” polykarbonátové kryty (difúzery) svetidiel rôznej dĺžky a tvarov (plochý tvar alebo tvar “U”),
- spojky tvaru L,T,X,I,
- závesný lankový systém
- prípojný transparentný kábel so stropnou krabičkou a WAGO svorkovnicou

Svetelný systém WEGA-MODULE2 je určený pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory. Svetelné moduly a kabeláž je už **predpripravená pre DALI stmievanie**, je len na vás, či to využijete alebo nie, ale pre DALI už nie je potrebné nič navyše objednávať.

Svetidlá sú vyrobené z vysokokvalitných materiálov:

- teleso: extrudovaný AL profil dostupný vo farbách: eloxovaný AL, matná biela RAL9003 alebo matná čierna RAL9005
- difúzor: extrudovaný opálový “mliečny” polykarbonátový profil v 2 verziách: plochý alebo v tvare “U”

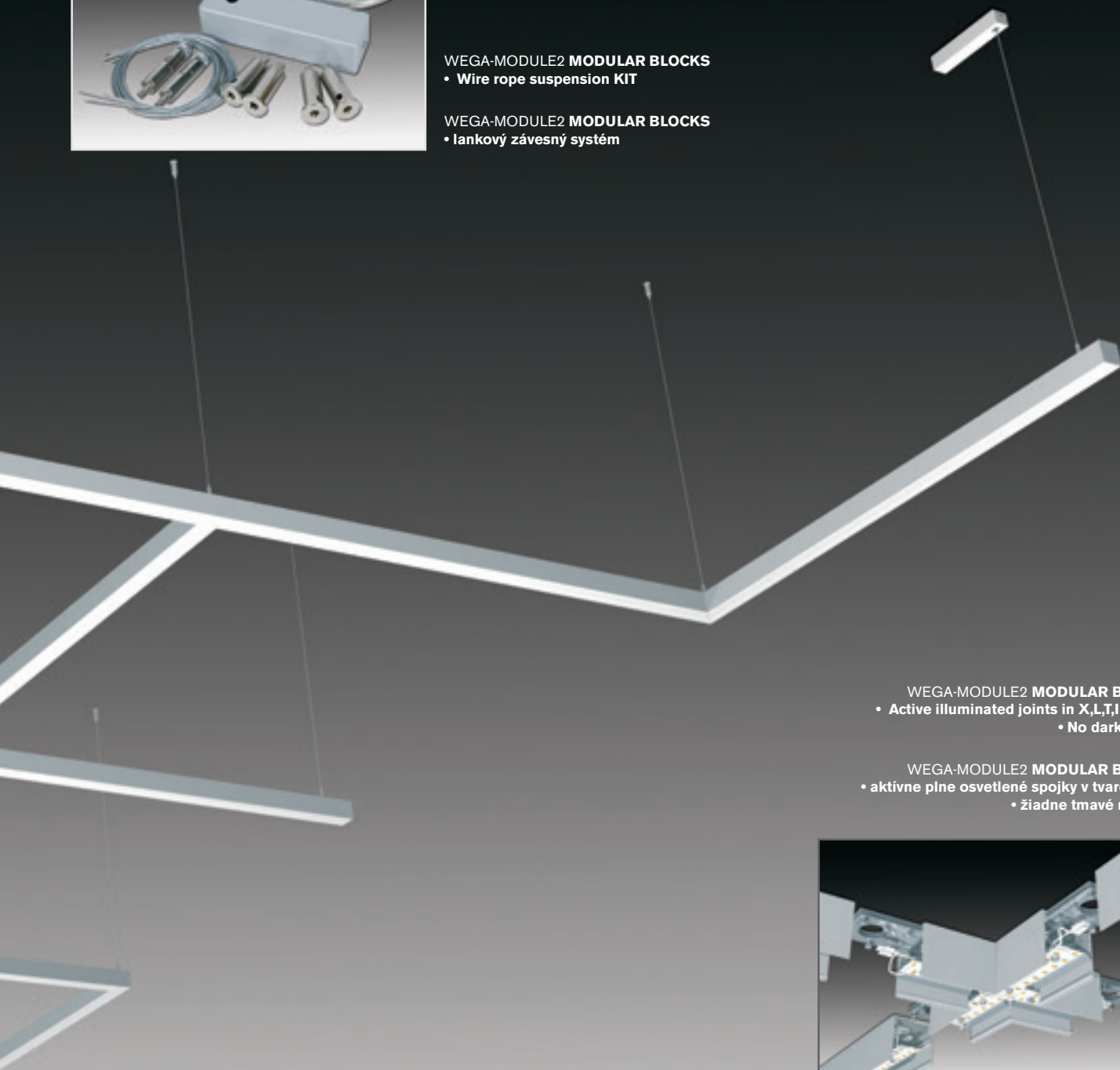
Všetky svetidlá sú vybavené LED OSRAM **DALI** predradníkmi a vysoko-účinnými LED SAMSUNG 150lm/W vo farbe 3000K alebo 4000K.

## WEGA-MODULE2 LED MODULAR BLOCKS



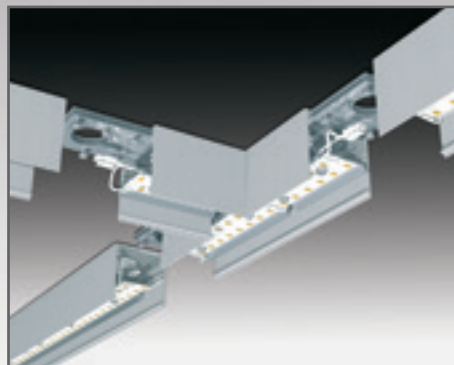
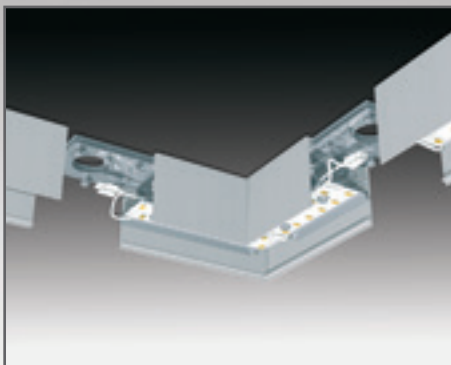
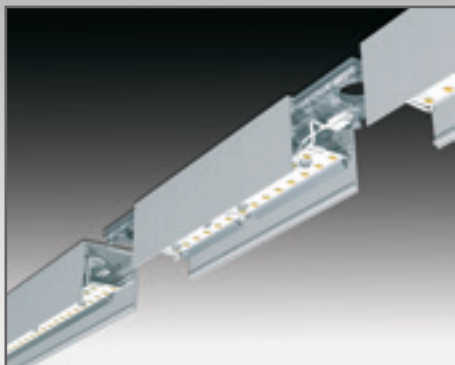
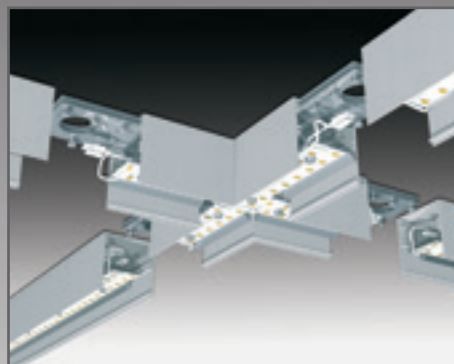
WEGA-MODULE2 **MODULAR BLOCKS**  
• Wire rope suspension KIT

WEGA-MODULE2 **MODULAR BLOCKS**  
• lankový závesný systém



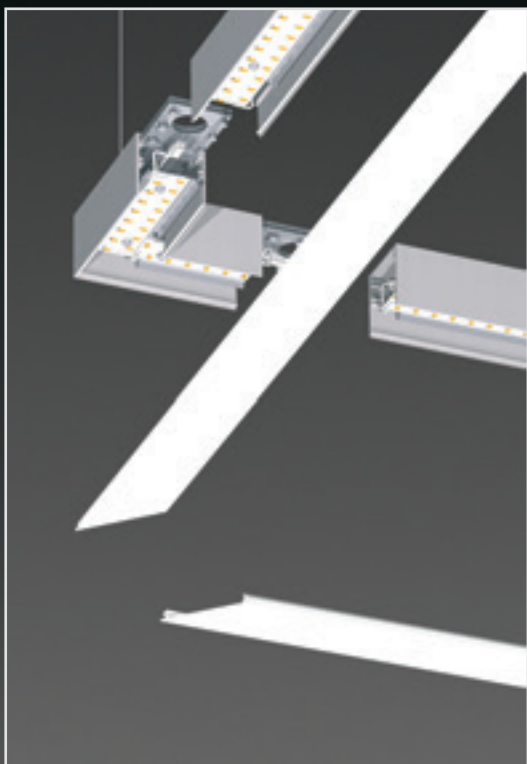
WEGA-MODULE2 **MODULAR BLOCKS**  
• Active illuminated joints in X,L,T,I shapes  
• No dark areas !

WEGA-MODULE2 **MODULAR BLOCKS**  
• aktívne plne osvetlené spojky v tvare T,L,X,I  
• žiadne tmavé miesta !



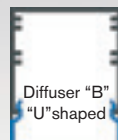
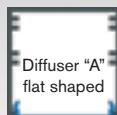
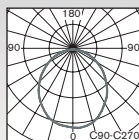
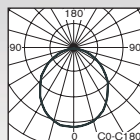
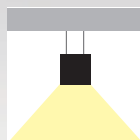
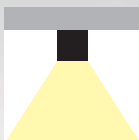
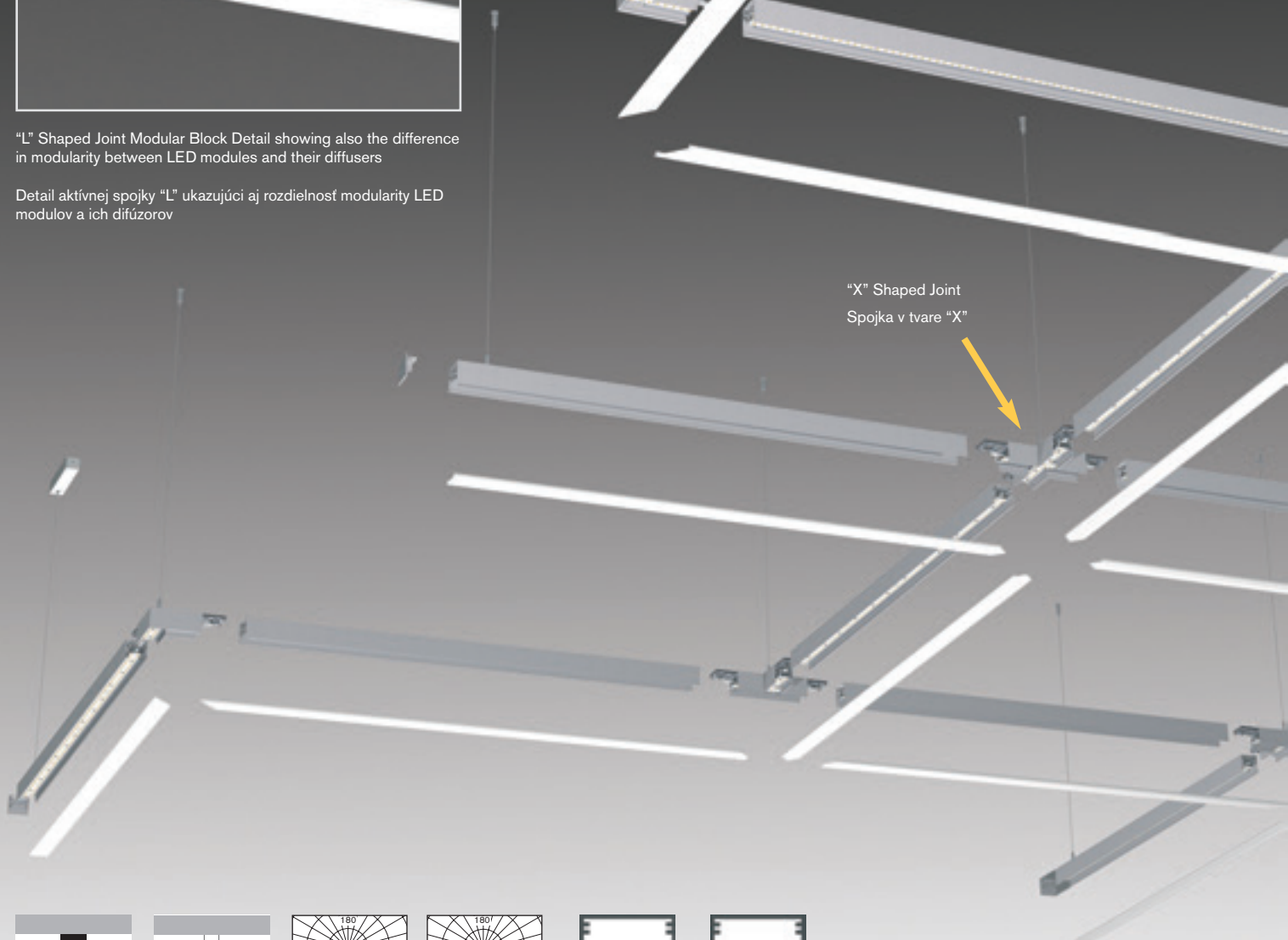
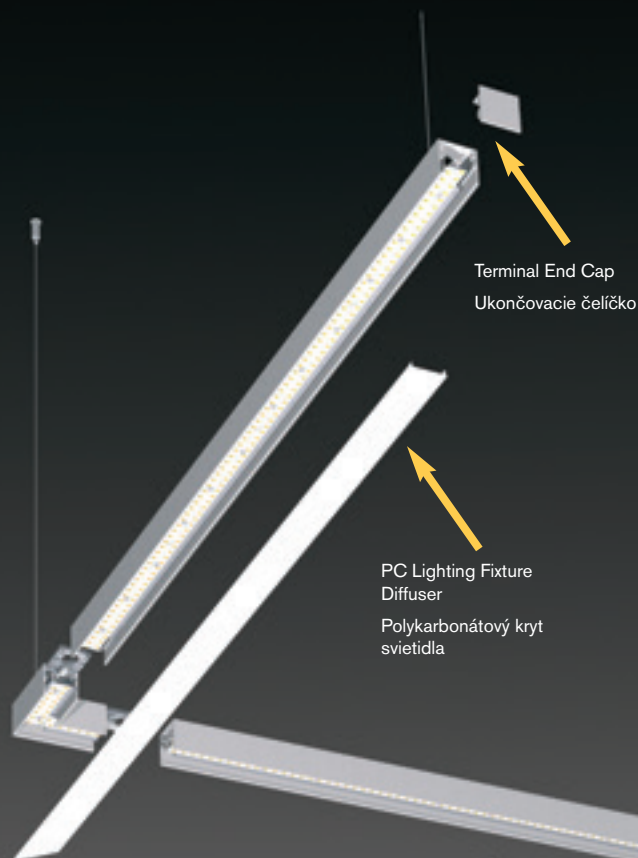


## WEGA-MODULE2 LED MODULAR BLOCKS



"L" Shaped Joint Modular Block Detail showing also the difference in modularity between LED modules and their diffusers

Detail aktívnej spojky "L" ukazujúci aj rozdielnosť modularity LED modulov a ich difúzorov

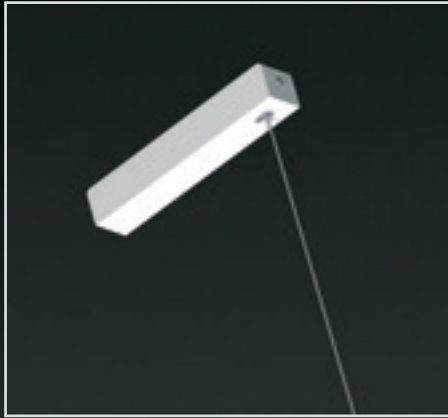


## WEGA-MODULE2 LED MODULAR BLOCKS



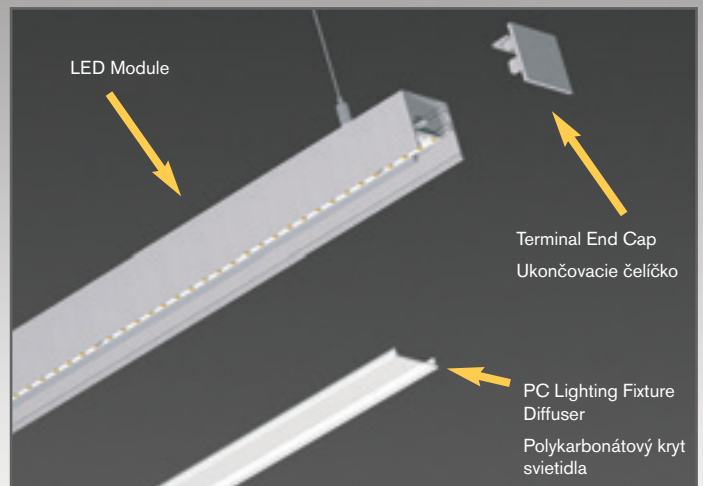
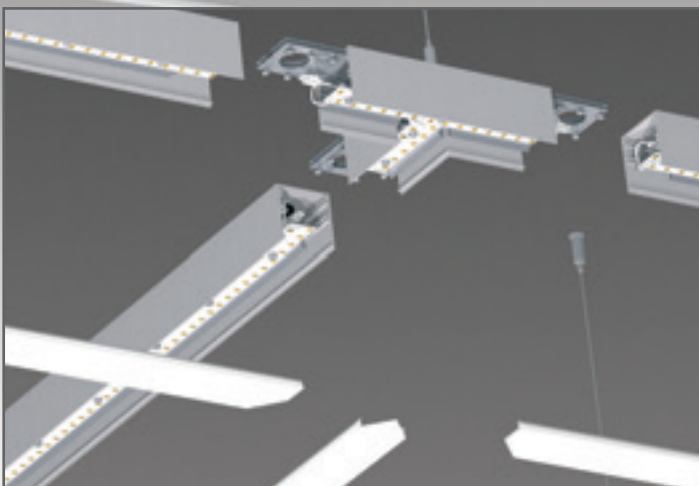
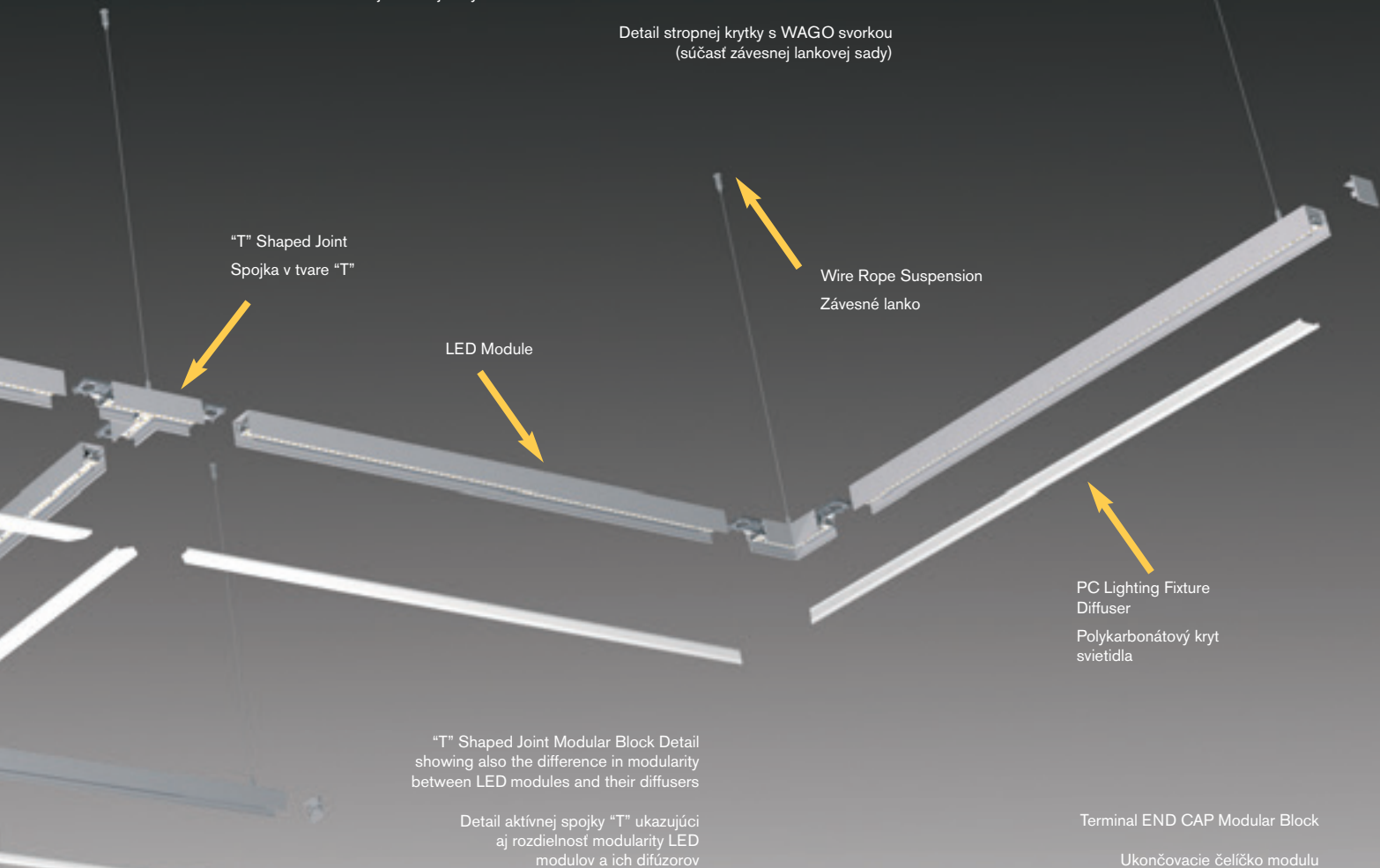
Wire rope suspension kit detail

Detail závesnej lankovej sady



Wire rope suspension kit detail - ceiling  
electrical outlet cover including  
WAGO terminal block

Detail stropnej krytky s WAGO svorkou  
(súčasť závesnej lankovej sady)





# WEGA-MODULE2 LED MODULAR BLOCKS

1

## SHAPE / SIZE:

- It is needed to create the lighting system idea (shape+size)
- This example shows 14pcs of LED modules 1124mm long, 6pcs of "L" shaped joints, 2pcs of "T" shaped joints, one "X" and one "I" joint

## TVAR / VEĽKOSŤ:

- Je potrebné navrhnuť požadovaný tvar a veľkosť svetelnej sústavy
- Tento príklad ukazuje použitie 14ks modulov dĺžka 1124mm, 6 spojok tvaru "L", 2 spojky tvaru "T", jedna tvaru "X" a jedna tvaru "I".

2

## ELECTRICAL CIRCUITS SPECIFICATION:

- Single electrical connection point max load is 460W. It is needed to sum the total power of the lighting system and divide it by 460 in order to figure out the number of 230V mains connections/ system
- This example shows 14x18W=252W (18W/module). It means only one 230V connection is needed (1 circuit). The picture on the right shows double circuit solution example.
- In case of total load >460W/system more circuits are needed.

## KALKULÁCIA POČTU ELEKTRICKÝCH PRIPOJENÍ / OKRUHOV:

- Maximálna záťaž na jedno elektrické pripojenie je 460W. Je potrebné spočítať celkový príkon podľa jednotlivých modulov a vydeliť to číslom 460, aby sme zistili potrebný počet okruhov (230V pripojení)
- Tento príklad ukazuje použitie 14ks x 18W modulov = 252W, postačuje len 1 okruh.
- V prípade väčšieho celkového výkonu ako 460W je potrebné vytvoriť zodpovedajúci počet okruhov.

3

## WIRE ROPE SUSPENSION:

- In case of suspended mounting, the right number of suspensions and electrical accessories is needed to be ordered taking also number of electrical circuits into the consideration (point No.2):

- ➔ **Wire rope suspension POINT** (1+1pcs of tool-free adjustable wire holders + wire rope)
- ➔ **Wire rope suspension SET** (1+1pcs of tool-free adjustable wire holders + wire rope + electrical cable + ceiling electrical outlet cover including WAGO terminal block)

## ZÁVESNÉ LANKÁ A PRÍVODY ELEKTRICKEJ ENERGIE:

- Ak sa jedná o závesnú verziu, je potrebné, aj na základe rozdelenia elektrických okruhov (bod 2), spočítať počet závesných bodov a závesných setov

- ➔ **Závesný BOD** (Závesné lanko a 1+1ks nastaviteľných závesných mechanizmov)
- ➔ **Závesný SET** (Závesné lanko a 1+1ks nastaviteľných závesných mechanizmov + kábel + stropná krytka s WAGO svorkou)

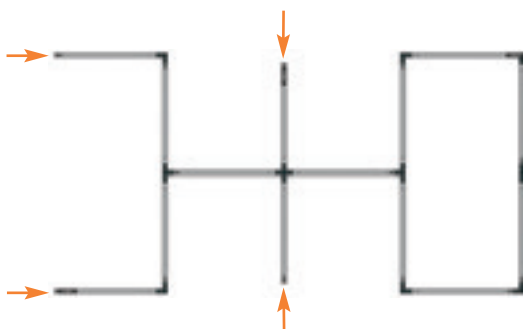
4

## End CAPS:

- End cap is needed to terminate the lighting module at the end
- The end cap type depends on diffuser shape (flat or "U" shaped")

## ČELÍČKA:

- Na ukončenie modulu je potrebné objednať samostatne čeličko, ktorého typ závisí od typu difúzera: plochý alebo v tvare "U"



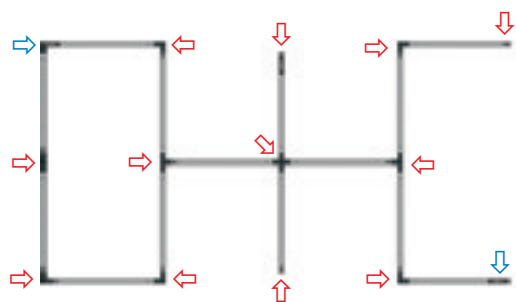
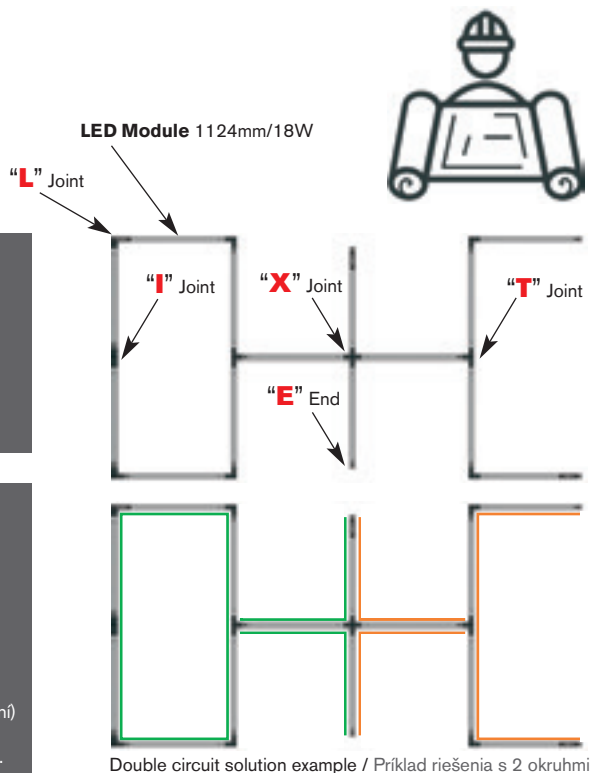
5

## SPECIFICATION OF DIFFUSERS:

- Diffuser length/shape is not equal with LED module. It is needed to follow this rule:
- E: to END CAP or connection of 2 neighbouring inline modules without "I" shaped joint
- I: connection to "I" shaped linear joint
- LR: connection to L shaped joint (RIGHT corner)
- LL: connection to L shaped joint (LEFT corner)
- TR: connection to T shaped joint (RIGHT corner)
- TL: connection to T shaped joint (LEFT corner)
- X/T: connection to X shaped or T shaped joint

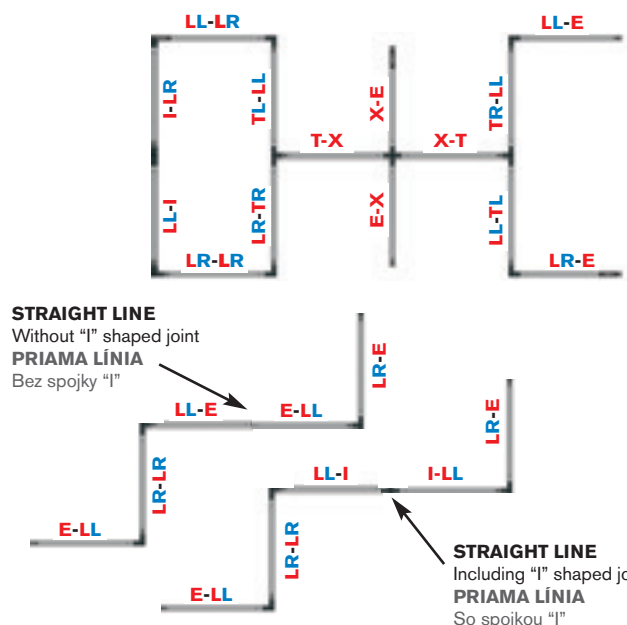
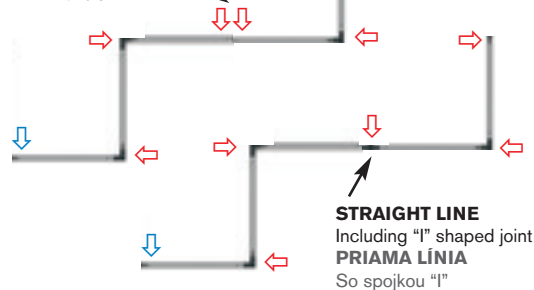
## ŠPECIFIKÁCIE KRYTOV SVIETIDIEL:

- Dĺžka a tvar krytov nie sú totožné s LED modulmi.
- Pre ich špecifikáciu je potrebné určiť ich zastúpenie podľa nasledovného:
- E: modul ukončený čeličkom alebo v prípade 2 susedných modulov spojených v línii bez I spojky
- I: napojenie na I spojku
- LR: napojenie na L spojku (pravý roh)
- LL: napojenie na L spojku (ľavý roh)
- TR: napojenie na T spojku (pravý roh)
- TL: napojenie na T spojku (ľavý roh)
- X: napojenie na X alebo T spojku



## STRAIGHT LINE

Without "I" shaped joint  
PRIAMA LÍNIA  
Bez spojky "I"





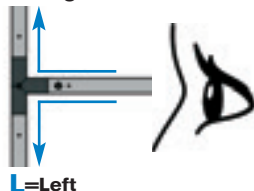
1

MODULAR LED Ceiling or Suspended Luminaires for direct illumination

## WEGA-MODULE2 LED LED MODULES

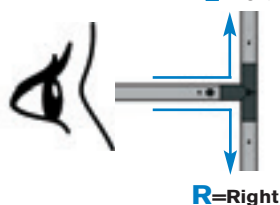


R=Right



L=Left

L=Left



R=Right

I / E

LR

LL

TR

TL

X/T

566mm



845mm



1 124mm



1403mm



### WEGA-MODULE2 LED MODULE

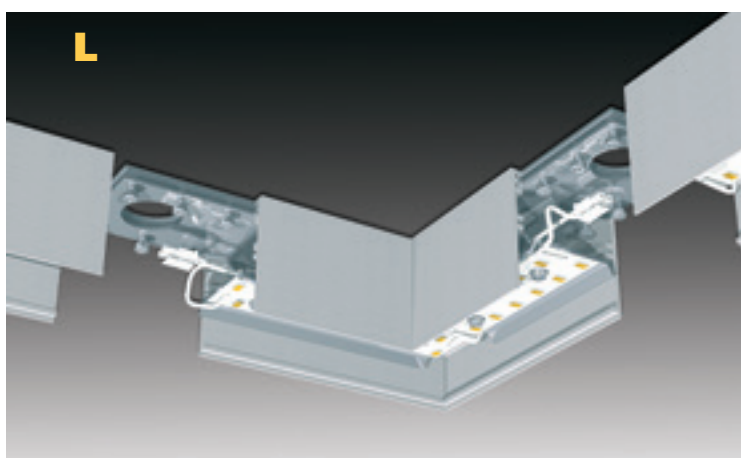
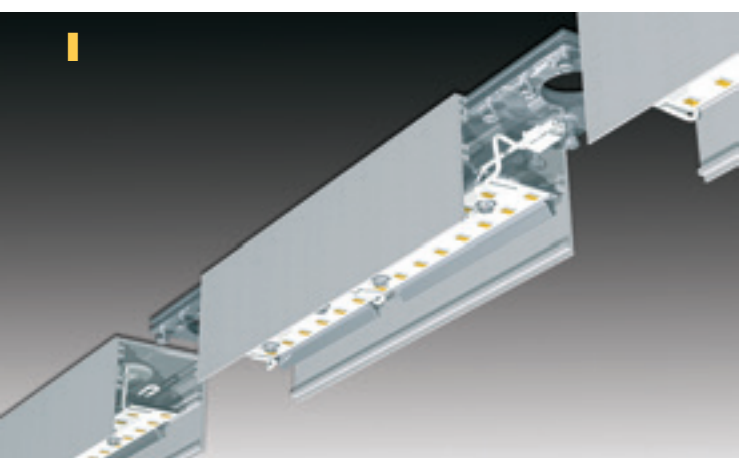
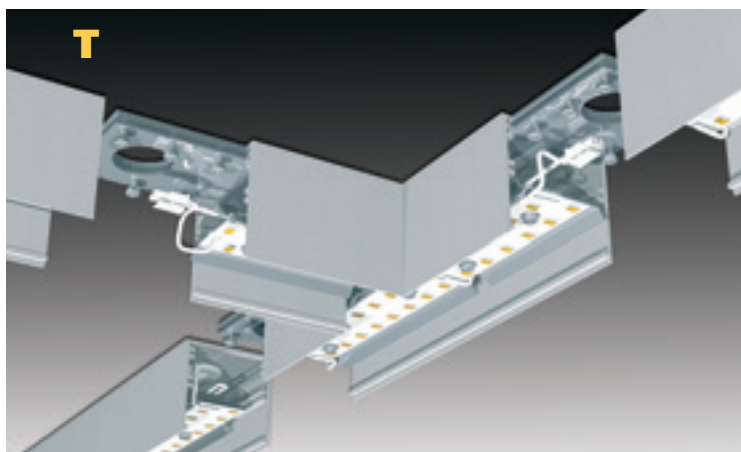
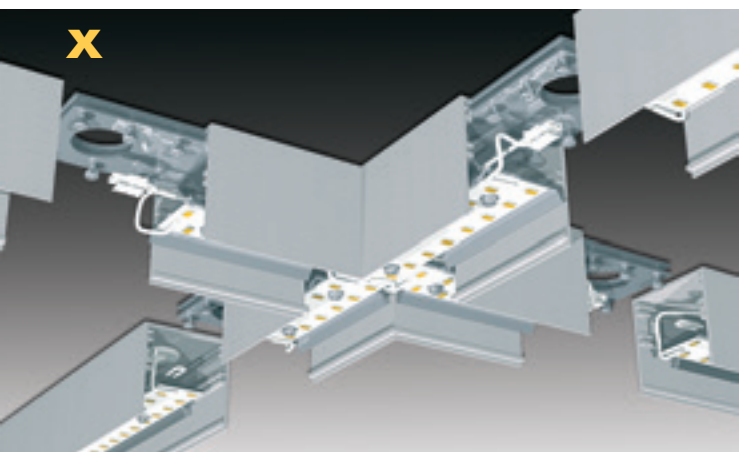
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DIM-DALI 8W	Anodised AL / Eloxovaný AL	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-00	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	White / biela RAL9003	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-01	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Black / čierna RAL9005	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-02	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Anodised AL / Eloxovaný AL	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-00	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	White / biela RAL9003	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-01	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Black / čierna RAL9005	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-02	1,2 kg
WEGA-MODULE2-DIM-DALI 13W	Anodised AL / Eloxovaný AL	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-00	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	White / biela RAL9003	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-01	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Black / čierna RAL9005	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-02	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Anodised AL / Eloxovaný AL	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-00	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	White / biela RAL9003	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-01	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Black / čierna RAL9005	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-02	1,6 kg
WEGA-MODULE2-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-00	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	White / biela RAL9003	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-01	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Black / čierna RAL9005	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-02	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-00	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	White / biela RAL9003	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-01	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Black / čierna RAL9005	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-02	2,0 kg
WEGA-MODULE2-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-00	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	White / biela RAL9003	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-01	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Black / čierna RAL9005	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-02	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-00	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	White / biela RAL9003	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-01	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Black / čierna RAL9005	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-02	2,4 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# WEGA-MODULE2 LED JOINTS

1



## WEGA-MODULE2 L, T, X, I JOINTS

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
L shaped joint 3W / 3000K L spojka	Anodised AL / Eloxovaný AL	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-05	0,7 kg
L shaped joint 3W / 3000K L spojka	White / biela RAL9003	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-13	0,7 kg
L shaped joint 3W / 3000K L spojka	Black / čierna RAL9005	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-21	0,7 kg
L shaped joint 3W / 4000K L spojka	Anodised AL / Eloxovaný AL	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-06	0,7 kg
L shaped joint 3W / 4000K L spojka	White / biela RAL9003	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-14	0,7 kg
L shaped joint 3W / 4000K L spojka	Black / čierna RAL9005	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-22	0,7 kg
T shaped joint 4,5W / 3000K T spojka	Anodised AL / Eloxovaný AL	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-03	0,8 kg
T shaped joint 4,5W / 3000K T spojka	White / biela RAL9003	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-11	0,8 kg
T shaped joint 4,5W / 3000K T spojka	Black / čierna RAL9005	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-19	0,8 kg
T shaped joint 4,5W / 4000K T spojka	Anodised AL / Eloxovaný AL	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-04	0,8 kg
T shaped joint 4,5W / 4000K T spojka	White / biela RAL9003	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-12	0,8 kg
T shaped joint 4,5W / 4000K T spojka	Black / čierna RAL9005	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-20	0,8 kg
X shaped joint 6W / 3000K X spojka	Anodised AL / Eloxovaný AL	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-01	0,9 kg
X shaped joint 6W / 3000K X spojka	White / biela RAL9003	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-09	0,9 kg
X shaped joint 6W / 3000K X spojka	Black / čierna RAL9005	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-17	0,9 kg
X shaped joint 6W / 4000K X spojka	Anodised AL / Eloxovaný AL	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-02	0,9 kg
X shaped joint 6W / 4000K X spojka	White / biela RAL9003	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-10	0,9 kg
X shaped joint 6W / 4000K X spojka	Black / čierna RAL9005	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-18	0,9 kg
I shaped joint 3W / 3000K I spojka	Anodised AL / Eloxovaný AL	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-07	0,6 kg
I shaped joint 3W / 3000K I spojka	White / biela RAL9003	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-15	0,6 kg
I shaped joint 3W / 3000K I spojka	Black / čierna RAL9005	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-23	0,6 kg
I shaped joint 3W / 4000K I spojka	Anodised AL / Eloxovaný AL	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-08	0,6 kg
I shaped joint 3W / 4000K I spojka	White / biela RAL9003	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-16	0,6 kg
I shaped joint 3W / 4000K I spojka	Black / čierna RAL9005	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-24	0,6 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



3

4

MODULAR LED Ceiling or Suspended Luminaires for direct illumination

## WEGA-MODULE2 LED ACCESSORIES

### WIRE ROPE SUSPENSION:

- In case of suspended mounting, the right number of suspensions and electrical accessories is needed to be ordered :
  - ➡ **Wire rope suspension point KIT** (1+1 pcs of tool-free adjustable wire holders + wire rope)
  - ➡ **Wire rope suspension SET** (1+1 pcs of tool-free adjustable wire holders + wire rope + electrical cable + ceiling electrical outlet cover including WAGO terminal block)

### ZÁVESNÉ LANKÁ A PRÍVODY ELEKTRICKEJ ENERGIE:

- Ak sa jedná o závesnú verziu, je potrebné spočítať počet závesných bodov a závesných setov
  - ➡ **Závesný BOD** (Závesné lanko a 1+1ks nastaviteľných závesných mechanizmov)
  - ➡ **Závesný SET** (Závesné lanko a 1+1ks nastaviteľných závesných mechanizmov + kábel + stropná krytka s WAGO svorkou)

Optional Item / Príplatková položka	Order Code / Objednávací kód
AL Anodised Suspension SET 1m/Elox závesný SET 1m	320-B-000-15-11
Suspension SET 1m RAL9003 Závesný SET 1m	320-B-000-15-12
Suspension SET 1m RAL9005 Závesný SET 1m	320-B-000-15-13
AL Anodised Suspension SET 2m/Elox závesný SET 2m	320-B-000-15-21
Suspension SET 2m RAL9003 Závesný SET 2m	320-B-000-15-22
Suspension SET 2m RAL9005 Závesný SET 2m	320-B-000-15-23
Wire rope suspension point KIT 1m / Závesný BOD 1m	320-B-000-15-01
Wire rope suspension point KIT 2m / Závesný BOD 2m	320-B-000-15-02

### END CAP FOR ALL WEGA-MODULE2 FLAT SHAPED DIFFUSER

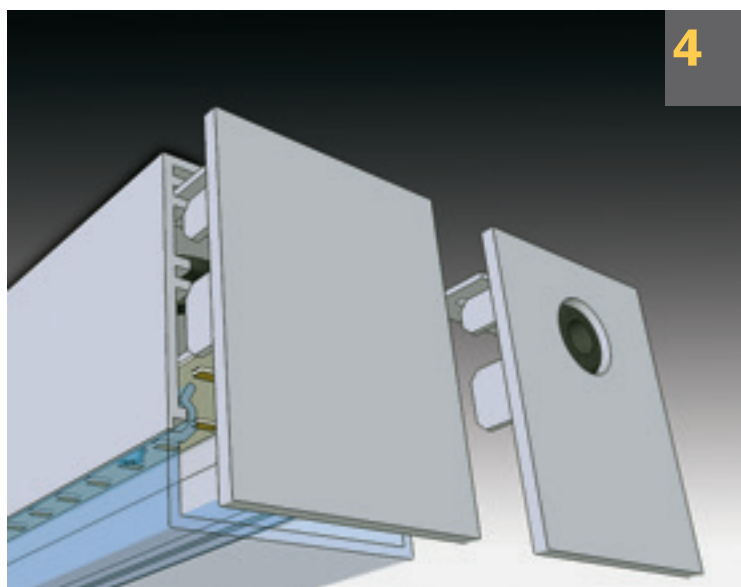
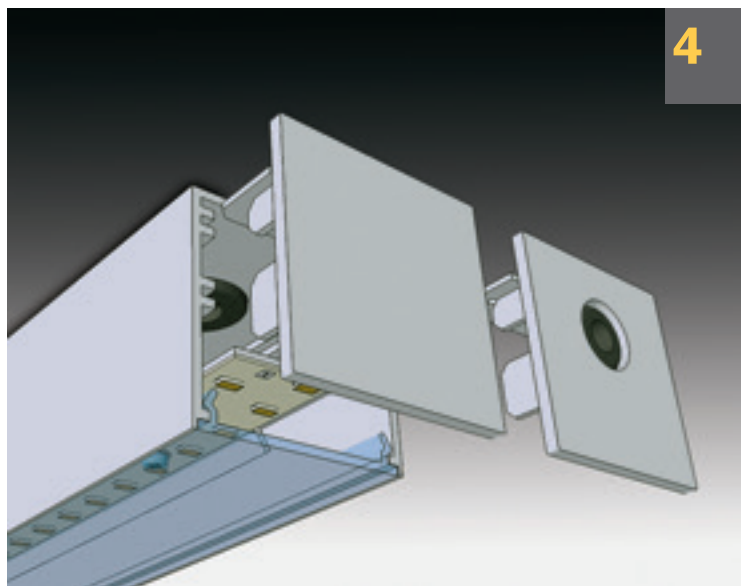
#### KONCOVÉ ČELÍČKO PRE WEGA-MODULE2 PLOCHÝ DIFÚZOR

Optional Item / Příplatek	Order Code / Objednávací kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-01
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-09
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-10
End cap wide side cable entry - RAL9006	320-B-000-14-02
End cap wide side cable entry - RAL9003	320-B-000-14-11
End cap wide side cable entry - RAL9005	320-B-000-14-12
Čelíčko s bočnou prechodkou - RAL9006	320-B-000-14-02
Čelíčko s bočnou prechodkou - RAL9003	320-B-000-14-11
Čelíčko s bočnou prechodkou - RAL9005	320-B-000-14-12

### END CAP FOR ALL WEGA-MODULE2 "U" SHAPED DIFFUSER

#### KONCOVÉ ČELÍČKO PRE WEGA-MODULE2 DIFÚZOR V TVARE "U"

Optional Item / Příplatek	Order Code / Objednávací kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-03
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-13
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-14
End cap wide side cable entry - RAL9006	320-B-000-14-04
End cap wide side cable entry - RAL9003	320-B-000-14-15
End cap wide side cable entry - RAL9005	320-B-000-14-16
Čelíčko s bočnou prechodkou - RAL9006	320-B-000-14-04
Čelíčko s bočnou prechodkou - RAL9003	320-B-000-14-15
Čelíčko s bočnou prechodkou - RAL9005	320-B-000-14-16

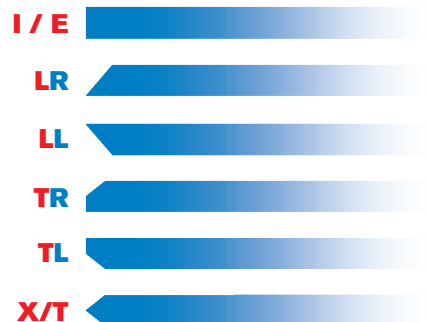
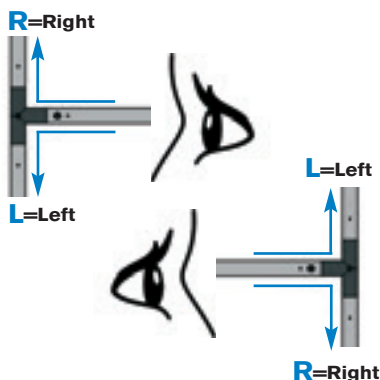
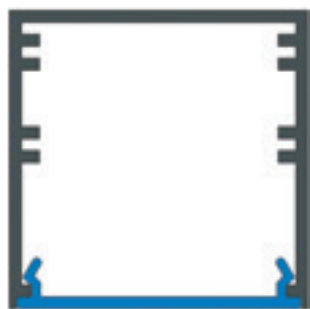




# WEGA-MODULE2 LED FLAT SHAPED DIFFUSERS



5



## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR MODULES 566mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-01-01	320-B-000-01-02	320-B-000-01-03	320-B-000-01-04	320-B-000-01-05	320-B-000-01-06	320-B-000-01-07
TL	320-B-000-01-02	320-B-000-01-08	320-B-000-01-09	320-B-000-01-10	320-B-000-01-11	320-B-000-01-12	320-B-000-01-13
TR	320-B-000-01-03	320-B-000-01-09	320-B-000-01-14	320-B-000-01-15	320-B-000-01-16	320-B-000-01-17	320-B-000-01-18
LL	320-B-000-01-04	320-B-000-01-10	320-B-000-01-15	320-B-000-01-19	320-B-000-01-20	320-B-000-01-21	320-B-000-01-22
LR	320-B-000-01-05	320-B-000-01-11	320-B-000-01-16	320-B-000-01-20	320-B-000-01-23	320-B-000-01-24	320-B-000-01-25
E	320-B-000-01-06	320-B-000-01-12	320-B-000-01-17	320-B-000-01-21	320-B-000-01-24	320-B-000-01-26	320-B-000-01-27
I	320-B-000-01-07	320-B-000-01-13	320-B-000-01-18	320-B-000-01-22	320-B-000-01-25	320-B-000-01-27	320-B-000-01-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR MODULES 845mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-02-01	320-B-000-02-02	320-B-000-02-03	320-B-000-02-04	320-B-000-02-05	320-B-000-02-06	320-B-000-02-07
TL	320-B-000-02-02	320-B-000-02-08	320-B-000-02-09	320-B-000-02-10	320-B-000-02-11	320-B-000-02-12	320-B-000-02-13
TR	320-B-000-02-03	320-B-000-02-09	320-B-000-02-14	320-B-000-02-15	320-B-000-02-16	320-B-000-02-17	320-B-000-02-18
LL	320-B-000-02-04	320-B-000-02-10	320-B-000-02-15	320-B-000-02-19	320-B-000-02-20	320-B-000-02-21	320-B-000-02-22
LR	320-B-000-02-05	320-B-000-02-11	320-B-000-02-16	320-B-000-02-20	320-B-000-02-23	320-B-000-02-24	320-B-000-02-25
E	320-B-000-02-06	320-B-000-02-12	320-B-000-02-17	320-B-000-02-21	320-B-000-02-24	320-B-000-02-26	320-B-000-02-27
I	320-B-000-02-07	320-B-000-02-13	320-B-000-02-18	320-B-000-02-22	320-B-000-02-25	320-B-000-02-27	320-B-000-02-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR MODULES 1124mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-03-01	320-B-000-03-02	320-B-000-03-03	320-B-000-03-04	320-B-000-03-05	320-B-000-03-06	320-B-000-03-07
TL	320-B-000-03-02	320-B-000-03-08	320-B-000-03-09	320-B-000-03-10	320-B-000-03-11	320-B-000-03-12	320-B-000-03-13
TR	320-B-000-03-03	320-B-000-03-09	320-B-000-03-14	320-B-000-03-15	320-B-000-03-16	320-B-000-03-17	320-B-000-03-18
LL	320-B-000-03-04	320-B-000-03-10	320-B-000-03-15	320-B-000-03-19	320-B-000-03-20	320-B-000-03-21	320-B-000-03-22
LR	320-B-000-03-05	320-B-000-03-11	320-B-000-03-16	320-B-000-03-20	320-B-000-03-23	320-B-000-03-24	320-B-000-03-25
E	320-B-000-03-06	320-B-000-03-12	320-B-000-03-17	320-B-000-03-21	320-B-000-03-24	320-B-000-03-26	320-B-000-03-27
I	320-B-000-03-07	320-B-000-03-13	320-B-000-03-18	320-B-000-03-22	320-B-000-03-25	320-B-000-03-27	320-B-000-03-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR MODULES 1403mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-04-01	320-B-000-04-02	320-B-000-04-03	320-B-000-04-04	320-B-000-04-05	320-B-000-04-06	320-B-000-04-07
TL	320-B-000-04-02	320-B-000-04-08	320-B-000-04-09	320-B-000-04-10	320-B-000-04-11	320-B-000-04-12	320-B-000-04-13
TR	320-B-000-04-03	320-B-000-04-09	320-B-000-04-14	320-B-000-04-15	320-B-000-04-16	320-B-000-04-17	320-B-000-04-18
LL	320-B-000-04-04	320-B-000-04-10	320-B-000-04-15	320-B-000-04-19	320-B-000-04-20	320-B-000-04-21	320-B-000-04-22
LR	320-B-000-04-05	320-B-000-04-11	320-B-000-04-16	320-B-000-04-20	320-B-000-04-23	320-B-000-04-24	320-B-000-04-25
E	320-B-000-04-06	320-B-000-04-12	320-B-000-04-17	320-B-000-04-21	320-B-000-04-24	320-B-000-04-26	320-B-000-04-27
I	320-B-000-04-07	320-B-000-04-13	320-B-000-04-18	320-B-000-04-22	320-B-000-04-25	320-B-000-04-27	320-B-000-04-28

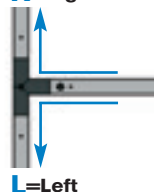


MODULAR LED Ceiling or Suspended Luminaires

## “U” SHAPED DIFFUSERS

5

R=Right



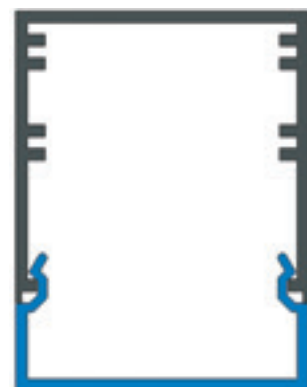
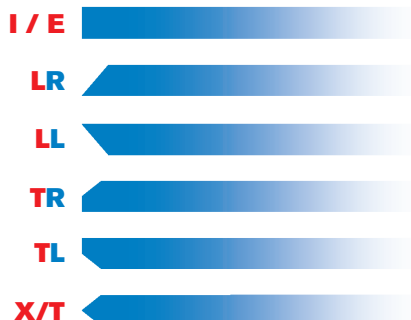
L=Left



L=Left



R=Right



### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 566mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-05-01	320-B-000-05-02	320-B-000-05-03	320-B-000-05-04	320-B-000-05-05	320-B-000-05-06	320-B-000-05-07
TL	320-B-000-05-02	320-B-000-05-08	320-B-000-05-09	320-B-000-05-10	320-B-000-05-11	320-B-000-05-12	320-B-000-05-13
TR	320-B-000-05-03	320-B-000-05-09	320-B-000-05-14	320-B-000-05-15	320-B-000-05-16	320-B-000-05-17	320-B-000-05-18
LL	320-B-000-05-04	320-B-000-05-10	320-B-000-05-15	320-B-000-05-19	320-B-000-05-20	320-B-000-05-21	320-B-000-05-22
LR	320-B-000-05-05	320-B-000-05-11	320-B-000-05-16	320-B-000-05-20	320-B-000-05-23	320-B-000-05-24	320-B-000-05-25
E	320-B-000-05-06	320-B-000-05-12	320-B-000-05-17	320-B-000-05-21	320-B-000-05-24	320-B-000-05-26	320-B-000-05-27
I	320-B-000-05-07	320-B-000-05-13	320-B-000-05-18	320-B-000-05-22	320-B-000-05-25	320-B-000-05-27	320-B-000-05-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 845mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-06-01	320-B-000-06-02	320-B-000-06-03	320-B-000-06-04	320-B-000-06-05	320-B-000-06-06	320-B-000-06-07
TL	320-B-000-06-02	320-B-000-06-08	320-B-000-06-09	320-B-000-06-10	320-B-000-06-11	320-B-000-06-12	320-B-000-06-13
TR	320-B-000-06-03	320-B-000-06-09	320-B-000-06-14	320-B-000-06-15	320-B-000-06-16	320-B-000-06-17	320-B-000-06-18
LL	320-B-000-06-04	320-B-000-06-10	320-B-000-06-15	320-B-000-06-19	320-B-000-06-20	320-B-000-06-21	320-B-000-06-22
LR	320-B-000-06-05	320-B-000-06-11	320-B-000-06-16	320-B-000-06-20	320-B-000-06-23	320-B-000-06-24	320-B-000-06-25
E	320-B-000-06-06	320-B-000-06-12	320-B-000-06-17	320-B-000-06-21	320-B-000-06-24	320-B-000-06-26	320-B-000-06-27
I	320-B-000-06-07	320-B-000-06-13	320-B-000-06-18	320-B-000-06-22	320-B-000-06-25	320-B-000-06-27	320-B-000-06-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 1124mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-07-01	320-B-000-07-02	320-B-000-07-03	320-B-000-07-04	320-B-000-07-05	320-B-000-07-06	320-B-000-07-07
TL	320-B-000-07-02	320-B-000-07-08	320-B-000-07-09	320-B-000-07-10	320-B-000-07-11	320-B-000-07-12	320-B-000-07-13
TR	320-B-000-07-03	320-B-000-07-09	320-B-000-07-14	320-B-000-07-15	320-B-000-07-16	320-B-000-07-17	320-B-000-07-18
LL	320-B-000-07-04	320-B-000-07-10	320-B-000-07-15	320-B-000-07-19	320-B-000-07-20	320-B-000-07-21	320-B-000-07-22
LR	320-B-000-07-05	320-B-000-07-11	320-B-000-07-16	320-B-000-07-20	320-B-000-07-23	320-B-000-07-24	320-B-000-07-25
E	320-B-000-07-06	320-B-000-07-12	320-B-000-07-17	320-B-000-07-21	320-B-000-07-24	320-B-000-07-26	320-B-000-07-27
I	320-B-000-07-07	320-B-000-07-13	320-B-000-07-18	320-B-000-07-22	320-B-000-07-25	320-B-000-07-27	320-B-000-07-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 1403mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-08-01	320-B-000-08-02	320-B-000-08-03	320-B-000-08-04	320-B-000-08-05	320-B-000-08-06	320-B-000-08-07
TL	320-B-000-08-02	320-B-000-08-08	320-B-000-08-09	320-B-000-08-10	320-B-000-08-11	320-B-000-08-12	320-B-000-08-13
TR	320-B-000-08-03	320-B-000-08-09	320-B-000-08-14	320-B-000-08-15	320-B-000-08-16	320-B-000-08-17	320-B-000-08-18
LL	320-B-000-08-04	320-B-000-08-10	320-B-000-08-15	320-B-000-08-19	320-B-000-08-20	320-B-000-08-21	320-B-000-08-22
LR	320-B-000-08-05	320-B-000-08-11	320-B-000-08-16	320-B-000-08-20	320-B-000-08-23	320-B-000-08-24	320-B-000-08-25
E	320-B-000-08-06	320-B-000-08-12	320-B-000-08-17	320-B-000-08-21	320-B-000-08-24	320-B-000-08-26	320-B-000-08-27
I	320-B-000-08-07	320-B-000-08-13	320-B-000-08-18	320-B-000-08-22	320-B-000-08-25	320-B-000-08-27	320-B-000-08-28



LED Lighting Fixtures direct / indirect illumination

## **WEGA-MODULE-LED** **WEGA-MODULE2-LED**

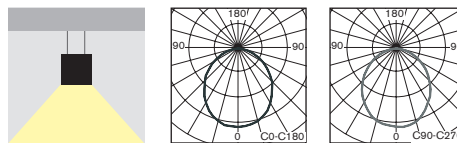


Office area lighting application

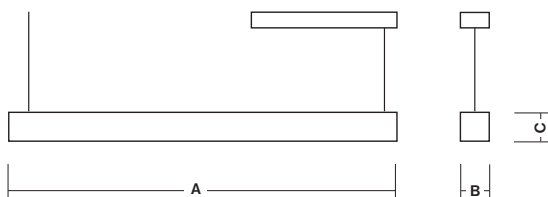




## WEGA-MODULE-A LED



- Slim design and powerful suspended mounted individual lighting fixture for smooth, comfortable and energy saving direct illumination (electronics is mounted inside of ceiling power outlet box)
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
  - diffuser made of semi-opal "milky" colour polycarbonate
- elegantné štíhle závesné LED svietidlo s kombináciou príjemného, komfortného úsporného priameho osvetlenia (elektronický predradník je externe umiestnený v stropnej prípojnej krabičke)
- určené pre individuálnu montáž (nie do línii), vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil
  - difúzor: polopálový polykarbonát



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlet
- 0.8m long cord
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- 2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry privodný elektrický kábel 0,8m dlhý

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative wire suspension length
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- dĺžka závesnej sady podľa špecifikácie



Wire suspensions (standard accessories)  
Závesná sada (štandardná výbava)

## WEGA-MODULE-A LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
WEGA-MODULE-AS LED/3000K	885 x 35 x 35mm	28W	LED/ 3000K/ 3000lm	Min 80	300-B-01	1,8 kg
WEGA-MODULE-AS LED/5000K	885 x 35 x 35mm	28W	LED/ 5000K/ 3500lm	Min 80	300-B-02	1,8 kg
WEGA-MODULE-AM LED/3000K	1134 x 35 x 35mm	38W	LED/ 3000K/ 4000lm	Min 80	300-B-03	2,0 kg
WEGA-MODULE-AM LED/5000K	1134 x 35 x 35mm	38W	LED/ 5000K/ 4500lm	Min 80	300-B-04	2,0 kg
WEGA-MODULE-AL LED/3000K	1412 x 35 x 35mm	48W	LED/ 3000K/ 5000lm	Min 80	300-B-05	2,3 kg
WEGA-MODULE-AL LED/5000K	1412 x 35 x 35mm	48W	LED/ 5000K/ 5500lm	Min 80	300-B-06	2,3 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

## WEGA-MODULE-A LED





Suspended Luminaires for direct illumination

**WEGA-MODULE2-A**





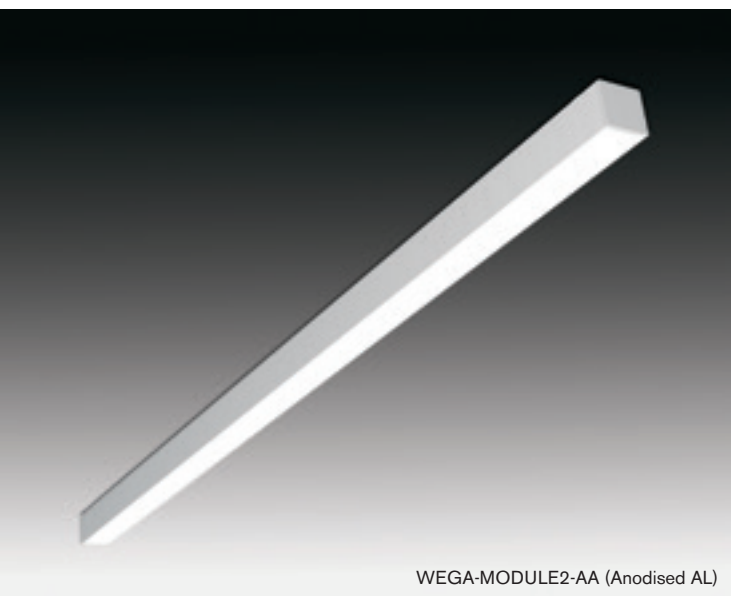
Ceiling mounted / Suspended LED Lighting Fixtures

## WEGA-MODULE2-AA LED





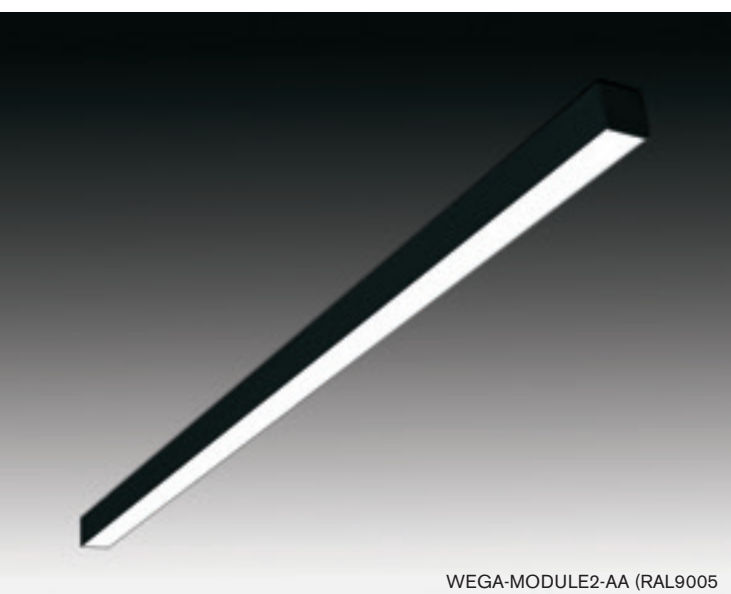
## WEGA-MODULE2-AA LED



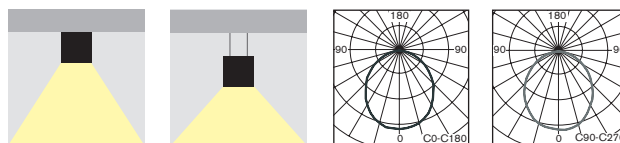
WEGA-MODULE2-AA (Anodised AL)



WEGA-MODULE2-AA (RAL9003)



WEGA-MODULE2-AA (RAL9005)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination with the possibility to mount into line ("inline")
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser available in two versions:
    - flat shape (all AA versions)
    - "U" shape (all AB versions)
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia s možnosťou montáže do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v 2 verziách:
    - plochý (všetky AA verzie)
    - v tvare "U" (všetky AB verzie)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- **MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM**
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- **MidPower LED 150lm/W typu SAMSUNG alebo OSRAM**
- pripravené pre stmievanie DALI
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svetidiel pri montáži do línie

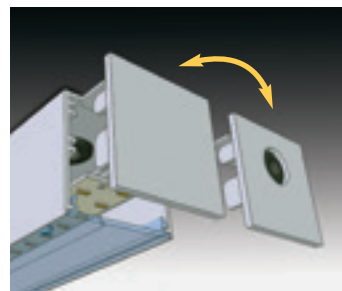
### OPTIONS

### PRÍPLATKY

- Wire suspension kit
- End cap with side cable entry
- Alternative surface treatment is possible (min.order quantity 100pcs)
- závesná sada
- čelíčko s prechodkou
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



Optional wire suspensions set  
Príplatková závesná sada  
(refer to page No.54/ pozri str.54)



End cap with side cable entry  
Čelíčko pre bočný prívod elektr. káblu  
(refer to page No.41/ pozri str.41)

**WEGA-MODULE2-AA LED**

WEGA-MODULE2-AA (RAL9005 Black)

Client: Filmhouse, s.r.o.  
 Location: Miletičova 5, Bratislava, SK  
 Author: Maroš Fečík, Filip Kandráv / plusminusarchitects  
 Photo: Maroš Fečík

Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)

**WEGA-MODULE2-AA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-00	1,6 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-02	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-02	2,4 kg

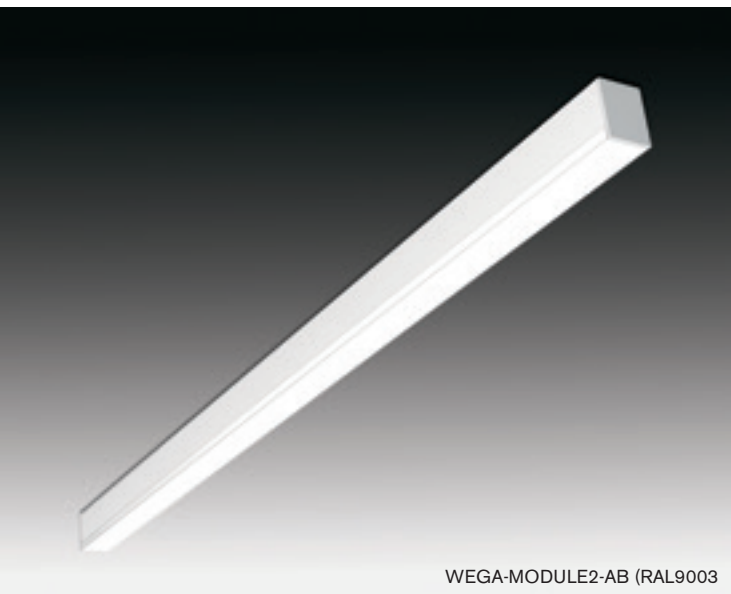
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2-AB LED



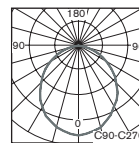
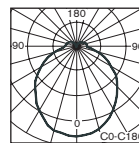
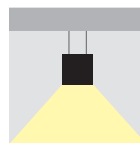
WEGA-MODULE2-AB (Anodised AL)



WEGA-MODULE2-AB (RAL9003)



WEGA-MODULE2-AB (RAL9005)  
Suspended Mounting - Wire rope suspension kit is optional  
(refer to page No.54)  
Závesná montáž - závesná sada je príplatková (pozri str.54)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination with the possibility to mount into line ("inline")
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostante) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia s možnosťou montáže do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- pripravené pre stmievanie DALI
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svetidiel pri montáži do línie

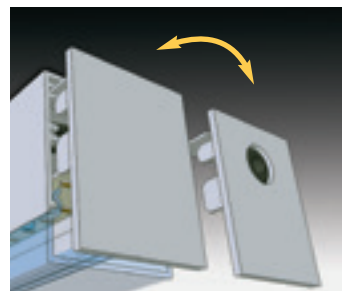
### OPTIONS

### PRÍPLATKY

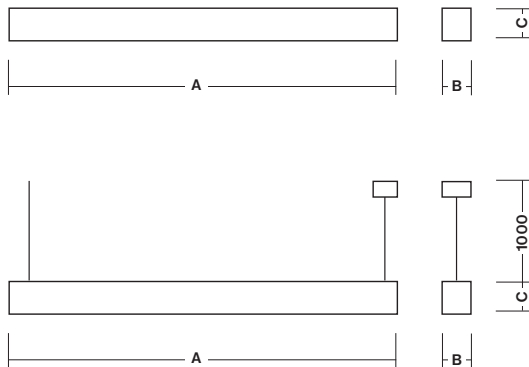
- Wire suspension kit
- End cap with side cable entry
- Alternative surface treatment is possible (min.order quantity 100pcs)
- závesná sada
- čeličko s prechodkou
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



Optional wire suspensions set  
Príplatková závesná sada  
(refer to page No 54/ pozri str. 54)



End cap with side cable entry  
Čeličko pre bočný prívod elektr. káblu  
(refer to page No.41/ pozri str.41)

**WEGA-MODULE2-AB LED**

WEGA-MODULE2-AB (Anodised AL)

Suspended Mounting - Wire rope suspension kit is optional (refer to page No.54)

Závesná montáž - závesná sada je príplatková (pozri str.54)

<b>WEGA-MODULE2-AB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-AB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-00	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-01	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-02	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-00	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-01	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-02	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-00	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-01	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-02	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-00	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-01	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-02	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-00	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-01	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-02	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-00	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-01	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-02	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-00	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-01	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-02	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-00	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-01	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-02	2,5 kg

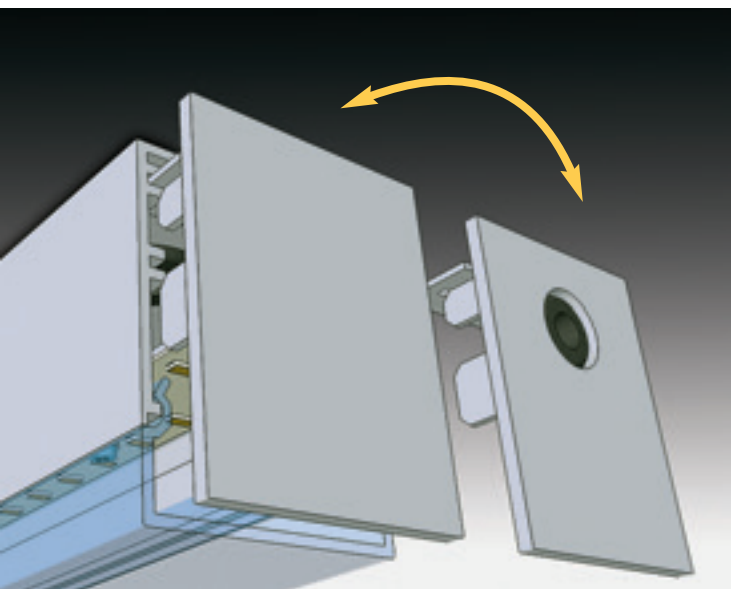
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



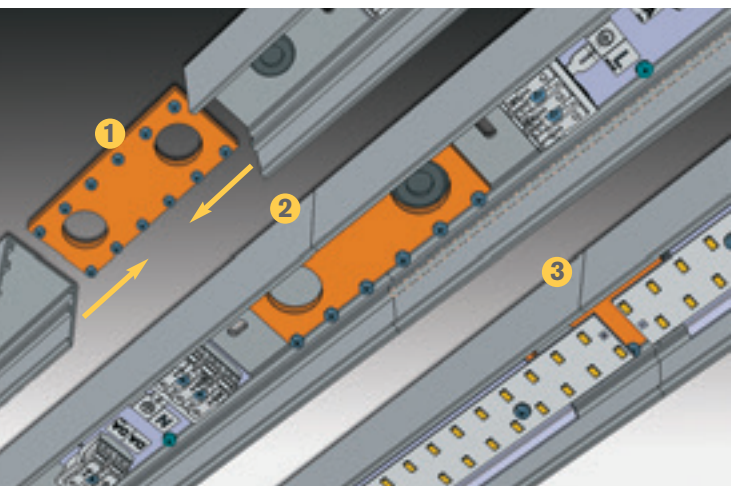
**WEGA-MODULE2-AA/-AB LED**

- **Wire rope suspension** set in length either 1m or 2m including all:
  - Electrical cord and 2pcs of suspension steel wire ropes
  - Ceiling power outlet in white RAL9003 or black RAL9005 colour or anodised AL (including WAGO terminal block ready for DALI)
  - 2+2pcs of tool-free adjustable wire holders for rapid mounting and adjustment of suspension length
- **Lanková závesná sada** v dĺžke 1m alebo 2m obsahujúca:
  - číry prívodný elektrický kábel a 2ks závesných laniek
  - stropnú krabičku vo farbe biela RAL9003 alebo čierna RAL9005 alebo elox AL (s WAGO svorkovnicou pripravenou na DALI)
  - 2+2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu

Optional Item / Príplatková položka	Order Code / Objednávací kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-51
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-52
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-53
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-61
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-62
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-63



- **Cable side entry end cap** in white RAL9003 or black RAL9005 or grey RAL9006 colour
- For item order code please refer to page No.41
- **Čeličko s bočnou prechodkou** vo farbe biela RAL9003 alebo čierna RAL9005 alebo šedá RAL9006
- Objednávací kód - pozri str.41



- **“Inline” mounting fixation joint** ensures straight line connection
- It is not needed to order as separate item, it is standard item you find in a package but you can order it as a spare part:
- **spojka pre aretáciu** svetidiel pri montáži do línie
- nie je nutné objednávať samostatne, je to štandardne v balení každého svetidla, ale je možné objednať samostatne ako náhradný diel:

Spare part / Náhradný diel	Order Code / Objednávací kód
Linear “inline” mouning joint	320-B-000-13-25
Spojka pre aretáciu do línie	320-B-000-13-25

Ceiling LED Lighting Fixtures

## WEGA-MODULE2-AA LED



Client: Filmhouse, s.r.o.  
Location: Miletčova 5, Bratislava, SK  
Author: Maroš Fečík, Filip Kandráč / plusminusarchitects  
Photo: Maroš Fečík

Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)







Ceiling LED Lighting Fixtures

## WEGA-MODULE2-AA LED



Client: Filmhouse, s.r.o.  
Location: Miletičova 5, Bratislava, SK  
Author: Maroš Fečík, Filip Kandráv / plusminusarchitects  
Photo: Maroš Fečík

Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)



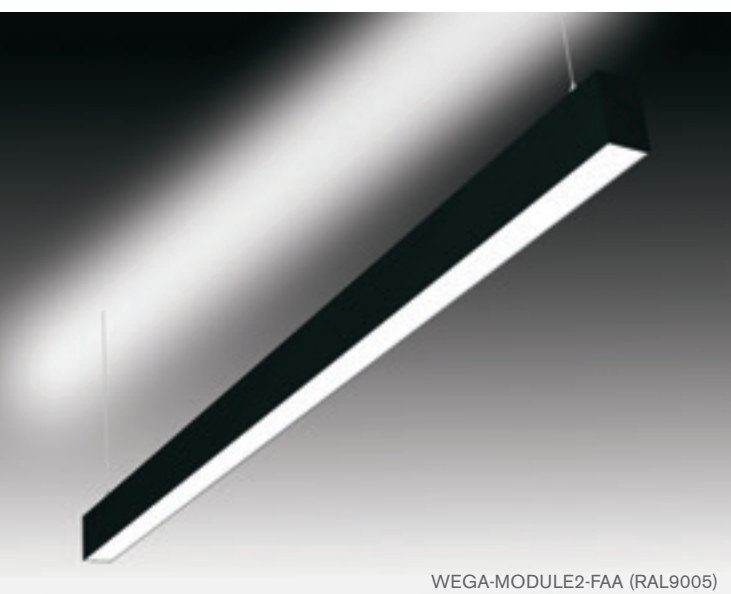
## WEGA-MODULE2-FAA LED



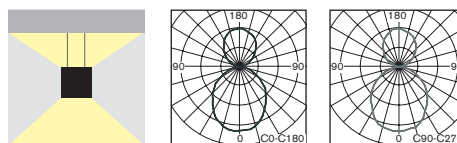
WEGA-MODULE2-FAA (Anodised AL)



WEGA-MODULE2-FAA (RAL9003)



WEGA-MODULE2-FAA (RAL9005)



- Exquisite slim design individual suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions in length either 851mm or 1130mm or 1409mm are equipped with 2pcs of LED electronic ballasts - double circuit version, both direct (bottom) and indirect (upper) illumination can be controlled individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - Upper flat shape / bottom flat shape
- elegantné individuálne štíhle závesné svetidlo s kombináciou priameho (55%) a nepriameho (45%) príjemného a úsporného osvetlenia
- svetidlá dĺžky 851mm alebo 1130mm alebo 1409mm sú vybavené 2 LED elektronickými predradníkmi - dvojokruhovú verziu, priame (spodné) i nepriame (horné) osvetlenie môžu byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil:
    - horný plochý / spodný plochý

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM



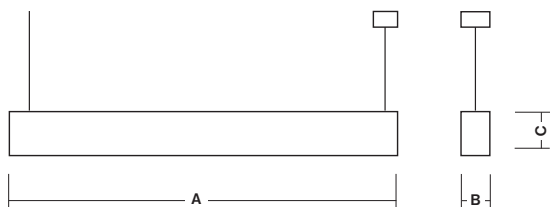
Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-FAA LED**

\* Single Circuit / Jednookruhové svietidlo

\*\* Double Circuit / Dvojokruhové svietidlo

<b>WEGA-MODULE2-FAA</b>							
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight	
WEGA-MODULE2-FAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-00	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-01	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-02	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-00	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-01	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-02	2,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-00	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-01	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-02	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-00	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-01	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-02	3,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-00	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-01	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-02	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-00	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-01	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-02	3,5 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-00	4,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-01	4,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-02	4,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-00	4,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-01	4,0 kg	
WEGA-MODULE2-FAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-02	4,0 kg	

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



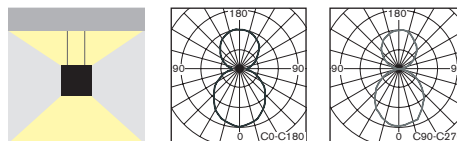
## WEGA-MODULE2-FAB LED



WEGA-MODULE2-FAB (Anodised AL)



WEGA-MODULE2-FAB (RAL9003)



- Exquisite slim design individual suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions in length either 851mm or 1130mm or 1409mm are equipped with 2pcs of LED electronic ballasts - double circuit version, both direct (bottom) and indirect (upper) illumination can be controlled individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - Upper flat shape / bottom "U" shape
- elegantné individuálne štíhle závesné svetidlo s kombináciou priameho (55%) a nepriameho (45%) príjemného a úsporného osvetlenia
- svetidlá dĺžky 851mm alebo 1130mm alebo 1409mm sú vybavené 2 LED elektronickými predradníkmi - dvojkruhovú verziu, priame (spodné) i nepriame (horné) osvetlenie môžu byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil:
    - horný plochý / spodný v tvare "U"

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- **MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM**
- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- **MidPower LED 150lm/W typu SAMSUNG alebo OSRAM**



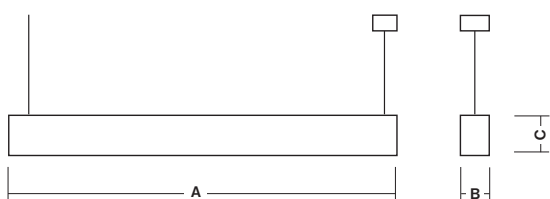
Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)



### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)

**WEGA-MODULE2-FAB LED**

WEGA-MODULE2-FAB (RAL9005)

\* Single Circuit / Jednookruhové svietidlo

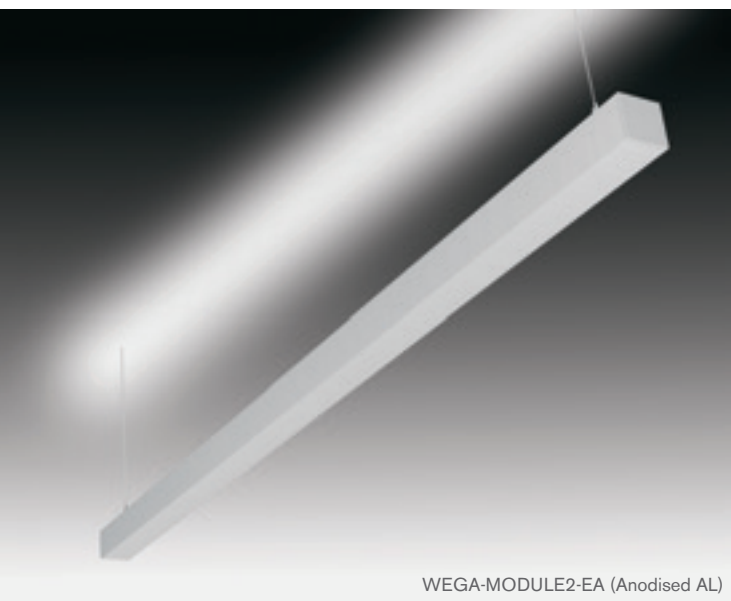
\*\* Double Circuit / Dvojokruhové svietidlo

<b>WEGA-MODULE2-FAB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-FAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-00	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-01	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-02	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-00	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-01	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-02	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-00	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-01	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-02	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-00	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-01	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-02	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-00	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-01	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-02	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-00	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-01	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-02	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-00	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-01	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-02	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-00	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-01	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-02	4,1 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2-EA LED



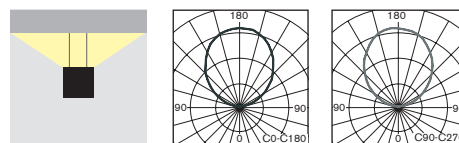
WEGA-MODULE2-EA (Anodised AL)



WEGA-MODULE2-EA (RAL9003)



WEGA-MODULE2-EA (RAL9005)



- Exquisite slim design individual suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- individuálne elegantné štíhle závesné svietidlo s kombináciou príjemného a úsporného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM

- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

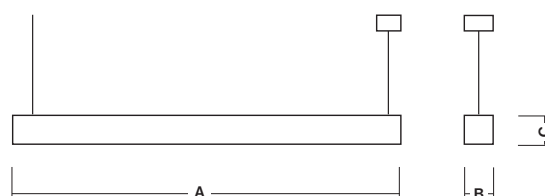


Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-EA LED****WEGA-MODULE2-EA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-EA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-00	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-01	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-02	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-00	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-01	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-02	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-00	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-01	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-02	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-00	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-01	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-02	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-00	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-01	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-02	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-00	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-01	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-02	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-00	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-01	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-02	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-00	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-01	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-02	2,4 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2-DA LED



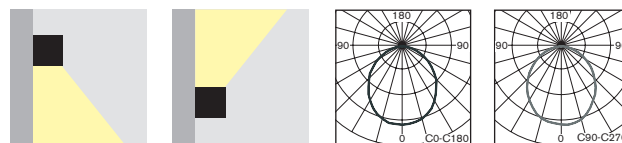
WEGA-MODULE2-DA (Anodised AL)



WEGA-MODULEB-DA (RAL9003)



WEGA-MODULE2-DA (RAL9005)



- Exquisite slim design wall mounted lighting fixture for smooth and comfortable either direct or indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle nástenné svetidlo s kombináciou príjemného a komfortného priameho alebo nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-DA LED****WEGA-MODULE2-DA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-00	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-01	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-02	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-00	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-01	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-02	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-01	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-02	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-00	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-01	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-02	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-00	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-01	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-02	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-00	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-01	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-02	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-00	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-01	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-02	2,4 kg

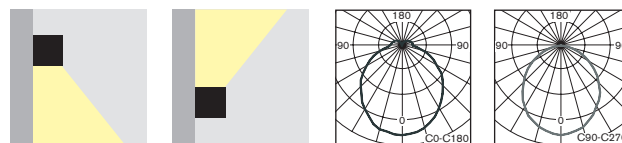
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2-DB LED



WEGA-MODULE2-DB (Anodised AL)



- Exquisite slim design wall mounted lighting fixture for smooth and comfortable either direct or indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle nástenné svetidlo s kombináciou príjemného a komfortného priameho alebo nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"



WEGA-MODULE2-DB (RAL9003)

### STANDARD FEATURES

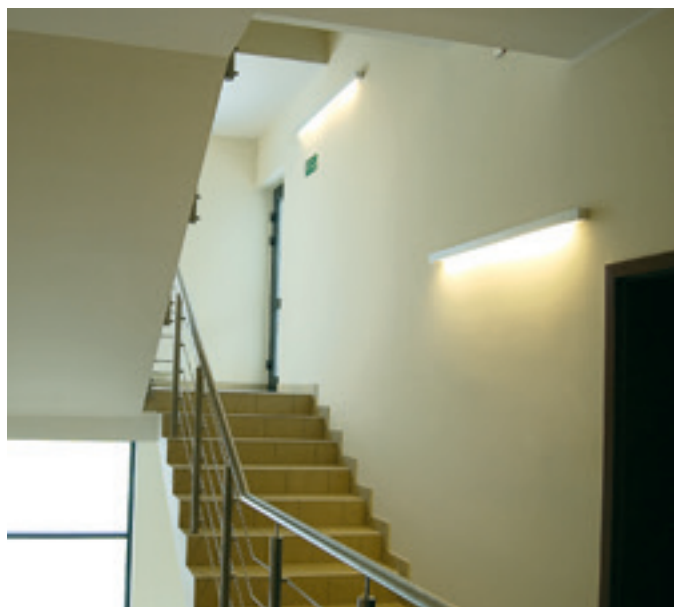
### ŠTANDARDNÁ VÝBAVA

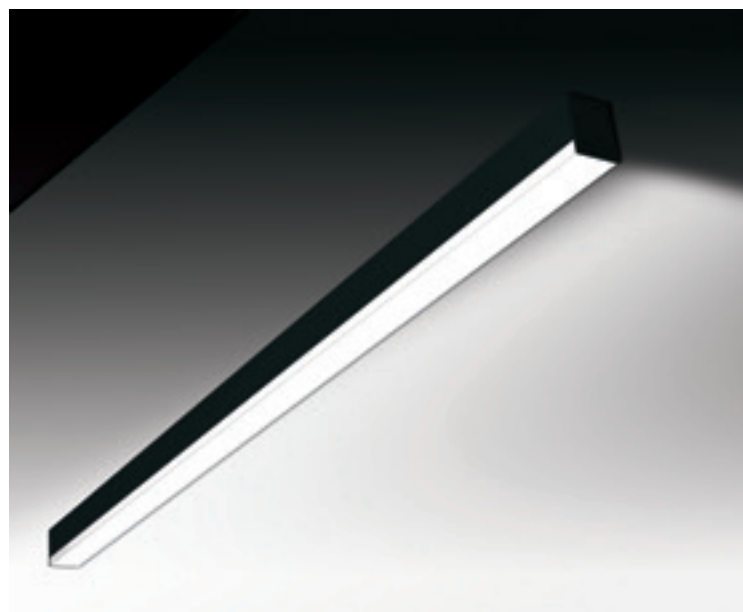
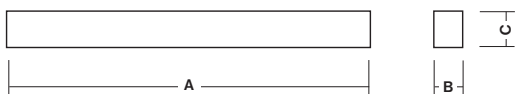
- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-DB LED**

WEGA-MODULE2-DB (RAL9005)

**WEGA-MODULE2-DB**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-00	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-01	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-02	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-00	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-01	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-02	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-01	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-02	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-01	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-02	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-00	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-01	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-02	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-00	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-01	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-02	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-00	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-01	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-02	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-00	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-01	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-02	2,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2-DAA LED



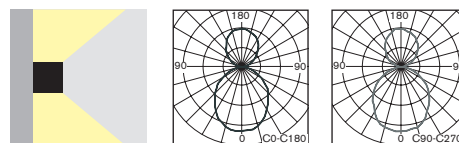
WEGA-MODULE2-DAA (Anodised AL)



WEGA-MODULE2-DAA (RAL9003)



WEGA-MODULE2-DAA (RAL9005)



- Exquisite slim design wall mounted lighting fixture for smooth and comfortable direct (55%) and indirect (45%) illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate flat shaped diffusers
- elegantné štíhle nástenné svietidlo s kombináciou prijemného a komfortného priameho (55%) alebo nepriameho (45%) osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-DAA LED**

\* Single Circuit / Jednookruhové svietidlo

\*\* Double Circuit / Dvojokruhové svietidlo

**WEGA-MODULE2-DAA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-405-01-00	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-405-01-01	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-405-01-02	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-406-01-00	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-406-01-01	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-406-01-02	2,5 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-455-01-00	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-455-01-01	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-455-01-02	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-456-01-00	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-456-01-01	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-456-01-02	3,0 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-505-01-00	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-505-01-01	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-505-01-02	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-506-01-00	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-506-01-01	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-506-01-02	3,5 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-555-01-00	4,0 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-555-01-01	4,0 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-555-01-02	4,0 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-556-01-00	4,0 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-556-01-01	4,0 kg
WEGA-MODULE2-DAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-556-01-02	4,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



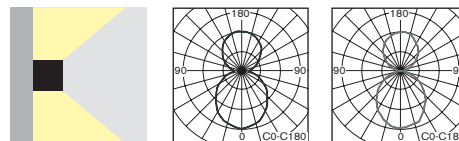
## WEGA-MODULE2-DAB LED



WEGA-MODULE2-DAB (Anodised AL)



WEGA-MODULE2-DAB (RAL9003)



- Exquisite slim design wall mounted lighting fixture for smooth and comfortable direct (55%) and indirect (45%) illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - flat shaped upper diffuser
    - "U" shaped bottom diffuser
- elegantné štíhle nástenné svetidlo s kombináciou príjemného a komfortného priameho (54%) a nepriameho (45%) osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil:
    - plochý horný a spodný v tvare "U"

### STANDARD FEATURES

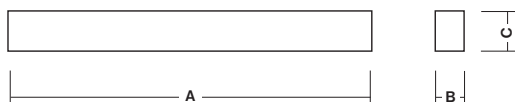
### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)



**WEGA-MODULE2-DAB LED**

WEGA-MODULE2-DAB (RAL9005)

\* Single Circuit / Jednookruhové svietidlo

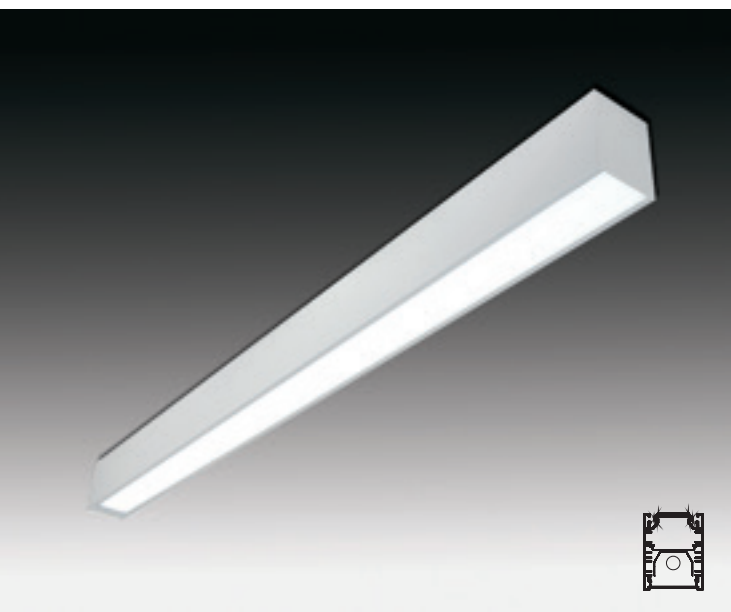
\*\* Double Circuit / Dvojokruhové svietidlo

<b>WEGA-MODULE2-DAB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-407-01-00	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-407-01-01	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-407-01-02	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-408-01-00	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-408-01-01	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-408-01-02	2,6 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-457-01-00	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-457-01-01	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-457-01-02	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-458-01-00	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-458-01-01	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-458-01-02	3,1 kg
WEGA-MODULE2-DAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-507-01-00	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-507-01-01	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-507-01-02	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-508-01-00	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-508-01-01	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-508-01-02	3,6 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-557-01-00	4,1 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-557-01-01	4,1 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-557-01-02	4,1 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-558-01-00	4,1 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-558-01-01	4,1 kg
WEGA-MODULE2-DAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-558-01-02	4,1 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



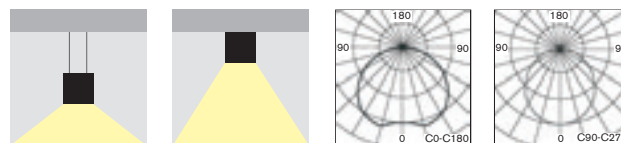
## AVANTIS-APD2 LED / LED T8



AVANTIS-APD2



AVANTIS-APD2 equipped with optional wire suspension set



- Exquisite design suspended (optional wire rope suspension set must be ordered) or surface mounted lighting fixture for powerful and energy saving direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Available also for LED T8 tubes (all LED T8 versions only, LED tube is not included)
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
  - diffuser made of semi-opal "milky" white polycarbonate
- elegantné výkonné LED stropné alebo závesné (voliteľná závesná sada musí byť objednaná samostatne)
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- dostupné aj vo verzii pre pre LED T8 trubice (nie je súčasťou dodávky)
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil
  - difúzor: opálový polykarbonát

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming (except from LED T8 versions)
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM (except from LED T8 versions)
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- pripravené pre stmievanie DALI (neplatí LED T8 verzii)
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM (neplatí pre LED T8)
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie

### OPTIONS

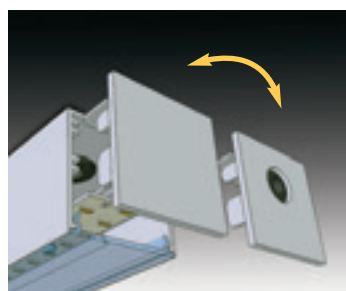
### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)

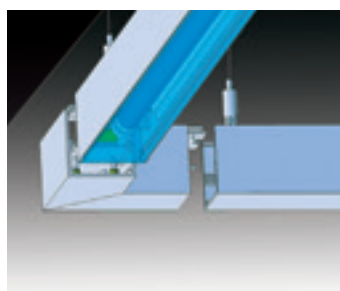
Optional Item / Příplatková položka	Order Code / Objednávací kód
"L" Shaped corner joint/rohová spojka "L" tvaru	249-B-700-00
"T" Shaped joint / spojka "T" tvaru	249-B-700-01
"X" Shaped joint / spojka "X" tvaru	249-B-700-02
Side cable entry end cap	249-B-610-00
Čelíčko s bočnou prechodkou	249-B-610-00
Wire suspension set 1m long	249-B-701-01
Wire suspension set 2m long	249-B-701-01-01
Závesná sada 1m dlhá	249-B-701-00
Závesná sada 2m dlhá	249-B-701-01-01



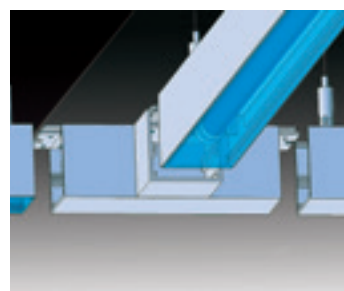
Wire suspensions set  
Závesná sada



Side cable entry end cap  
Čelíčko s bočnou prechodkou



L shaped corner joint  
Rohová spojka L tvaru



T shaped corner joint  
Rohová spojka T tvaru

**AVANTIS-APD2 LED / LED T8****AVANTIS-APD2 LED T8**

Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
AVANTIS-APD2 T8-LED/600mm	655 x 70 x 90 mm	230V AC	1x LED T8 600mm (not included)	249-B-600-01-00	1,5 kg
AVANTIS-APD2 T8-LED/1200mm	1265 x 70 x 90 mm	230V AC	1x LED T8 1200mm (not included)	249-B-601-01-00	3,0 kg
AVANTIS-APD2 T8-LED/1500mm	1565 x 70 x 90 mm	230V AC	1x LED T8 1500mm (not included)	249-B-602-01-00	3,5 kg
AVANTIS-APD2 T8-LED/2x1200mm	2495 x 70 x 90 mm	230V AC	2x LED T8 1200mm (not included)	249-B-603-01-00	6,0 kg
AVANTIS-APD2 T8-LED/2x1500mm	3095 x 70 x 90 mm	230V AC	2x LED T8 1500mm (not included)	249-B-604-01-00	7,0 kg

**AVANTIS-APD2 LED**

Type / Typ	A x B x C mm	Power	Light Source	CRI	Order Code	Weight
AVANTIS-APD2-DIM-DALI 8W	574 x 70 x 90 mm	230V AC	LED 3000K / 1120lm	typ 82	249-B-650-01-00	2,0 kg
AVANTIS-APD2-DIM-DALI 8W	574 x 70 x 90 mm	230V AC	LED 4000K / 1120lm	typ 82	249-B-651-01-00	2,0 kg
AVANTIS-APD2-DIM-DALI 13W	853 x 70 x 90 mm	230V AC	LED 3000K / 1680lm	typ 82	249-B-652-01-00	2,5 kg
AVANTIS-APD2-DIM-DALI 13W	853 x 70 x 90 mm	230V AC	LED 4000K / 1680lm	typ 82	249-B-653-01-00	2,5 kg
AVANTIS-APD2-DIM-DALI 18W	1132 x 70 x 90 mm	230V AC	LED 3000K / 2400lm	typ 82	249-B-654-01-00	3,5 kg
AVANTIS-APD2-DIM-DALI 18W	1132 x 70 x 90 mm	230V AC	LED 4000K / 2400lm	typ 82	249-B-655-01-00	3,5 kg
AVANTIS-APD2-DIM-DALI 23W	1410 x 70 x 90 mm	230V AC	LED 3000K / 3000lm	typ 82	249-B-656-01-00	4,0 kg
AVANTIS-APD2-DIM-DALI 23W	1410 x 70 x 90 mm	230V AC	LED 4000K / 3000lm	typ 82	249-B-657-01-00	4,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



Surface Mounted or Suspended LED Luminaires for only direct illumination

## **AVANTIS-APD2 LED / LED T8**







príďte v auparku  
welcome to aupark

otváracie hodiny  
pondelok - piatok 10:00 - 21:00  
sobota - nedeľa 9:00 - 21:00

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opening hours  
monday - friday 10:00 - 21:00  
saturday - sunday 9:00 - 21:00

Surface Mounted or Suspended LED Luminaires for only direct illumination

## **AVANTIS-APD2 LED / LED T8**







LED Suspended Luminaires for direct illumination

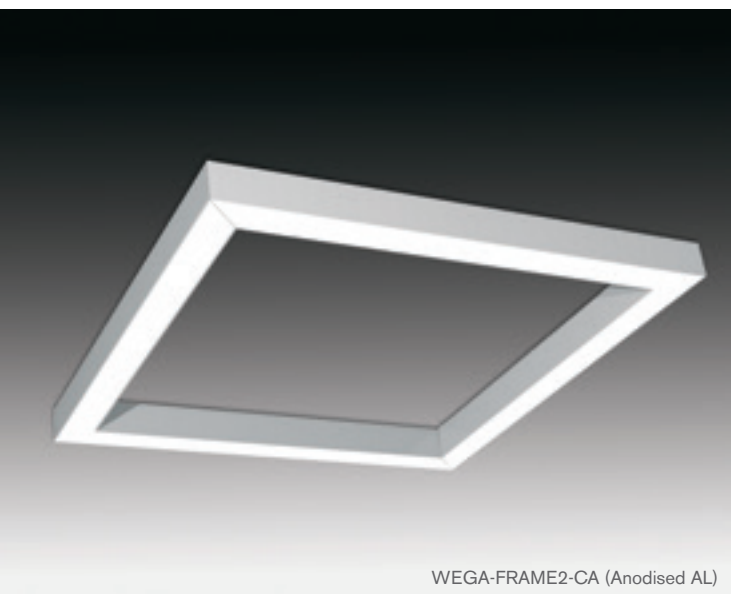
## **WEGA-FRAME2-CA LED**







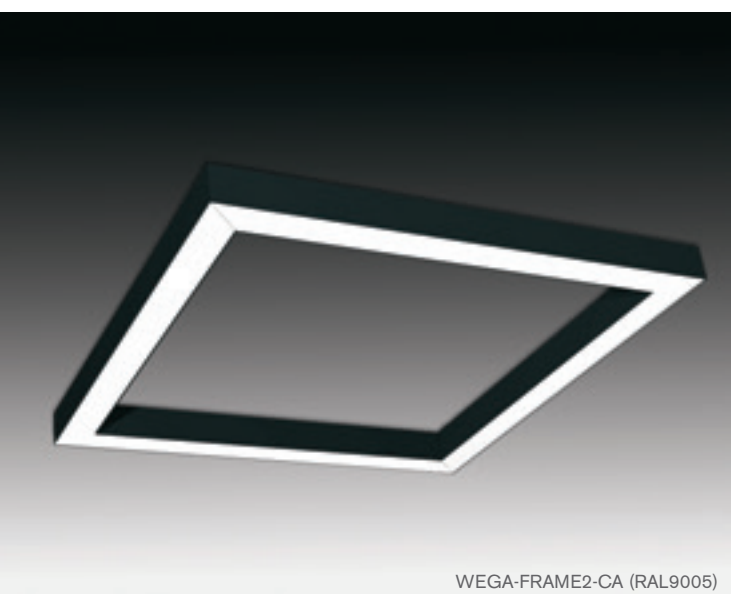
## WEGA-FRAME2-CA LED



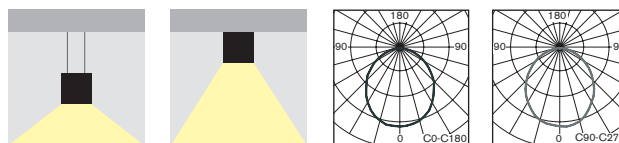
WEGA-FRAME2-CA (Anodised AL)



WEGA-FRAME2-CA (RAL9003)



WEGA-FRAME2-CA (RAL9005)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

### OPTIONS

### PRÍPLATKY

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83



Wire rope suspension kit  
(Optional Accessories)

Závesná sada  
(príplatková výbava)





LED Ceiling or Suspended Luminaires for direct illumination

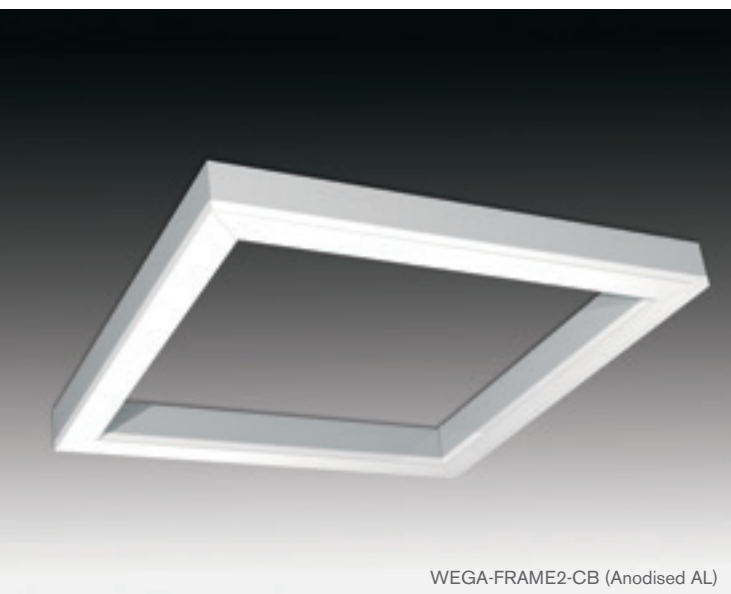
## WEGA-FRAME2-CA LED



### WEGA-FRAME2-CA

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-CA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-00	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-01	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-02	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-00	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-01	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-02	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-00	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-01	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-02	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-00	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-01	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-02	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-00	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-01	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-02	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-00	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-01	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-02	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-00	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-01	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-02	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-00	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-01	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-02	9,0 kg

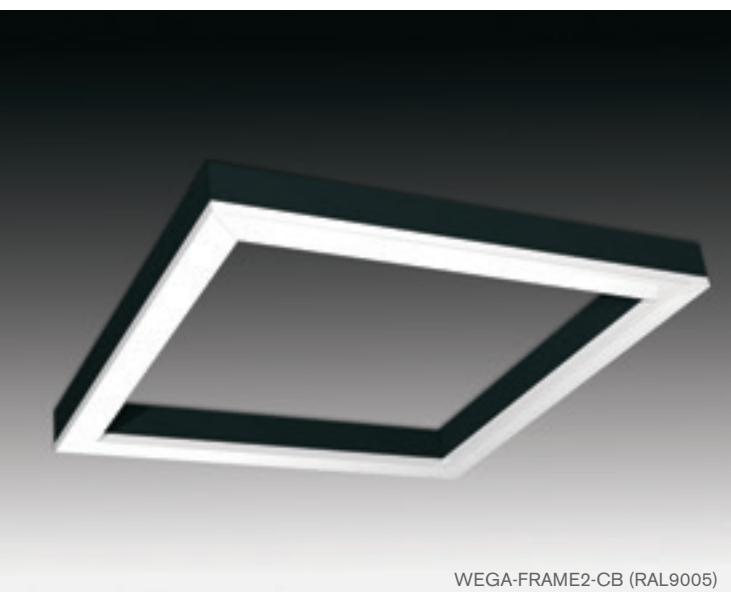
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

**WEGA-FRAME2-CB LED**

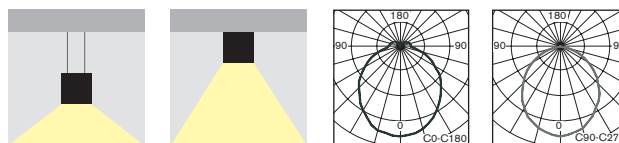
WEGA-FRAME2-CB (Anodised AL)



WEGA-FRAME2-CB (RAL9003)



WEGA-FRAME2-CB (RAL9005)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

**OPTIONS****PRÍPLATKY**

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83

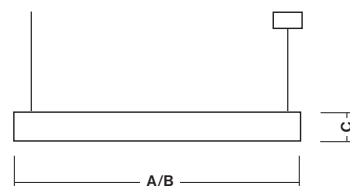
Wire rope suspension kit  
(Optional Accessories)Závesná sada  
(príplatková výbava)





LED Ceiling or Suspended Luminaires for direct illumination

## WEGA-FRAME2-CB LED



WEGA-FRAME2-CB						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-CB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-00	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	White / biela RAL9003	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-01	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Black / čierna RAL9005	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-02	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-00	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	White / biela RAL9003	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-01	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Black / čierna RAL9005	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-02	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-00	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	White / biela RAL9003	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-01	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Black / čierna RAL9005	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-02	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-00	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	White / biela RAL9003	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-01	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Black / čierna RAL9005	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-02	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-00	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	White / biela RAL9003	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-01	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-02	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-00	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	White / biela RAL9003	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-01	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-02	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-00	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	White / biela RAL9003	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-01	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-02	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-00	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	White / biela RAL9003	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-01	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-02	9,2 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)







## WEGA-FRAME2-EAA LED



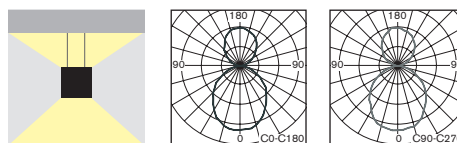
WEGA-FRAME2-EAA (Anodised AL)



WEGA-FRAME2-EAA (RAL9003)



WEGA-FRAME2-EAA (RAL9005)



- Exquisite slim design suspended lighting fixture for smooth, comfortable and energy saving direct (55%) and indirect (45%) illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers
- elegantné štíhle závesné svietidlo s kombináciou príjemného a komfortného priameho (50%) a nepriameho (50%) osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

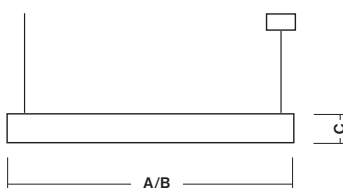


Wire rope suspension kit 1 m long  
Lanková závesná sada 1 m dlhá  
(standard item / vo výbave)

### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- alternatívna dĺžka závesu
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)







LED Suspended Luminaires for direct + indirect illumination

## WEGA-FRAME2-EAA LED



\*\* Double Circuit Fixture / Dvojokruhové svetidlo

WEGA-FRAME2-EAA						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-EAA-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x607x79 mm	LED 3000K / 8840lm	typ 82	321-B-201-01-00	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 64W **	White / biela RAL9003	607x607x79 mm	LED 3000K / 8840lm	typ 82	321-B-201-01-01	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 64W **	Black / čierna RAL9005	607x607x79 mm	LED 3000K / 8840lm	typ 82	321-B-201-01-02	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x607x79 mm	LED 4000K / 8840lm	typ 82	321-B-202-01-00	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 64W **	White / biela RAL9003	607x607x79 mm	LED 4000K / 8840lm	typ 82	321-B-202-01-01	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 64W **	Black / čierna RAL9005	607x607x79 mm	LED 4000K / 8840lm	typ 82	321-B-202-01-02	5,0 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x886x79 mm	LED 3000K / 13260lm	typ 82	321-B-205-01-00	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	White / biela RAL9003	886x886x79 mm	LED 3000K / 13260lm	typ 82	321-B-205-01-01	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	Black / čierna RAL9005	886x886x79 mm	LED 3000K / 13260lm	typ 82	321-B-205-01-02	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x886x79 mm	LED 4000K / 13260lm	typ 82	321-B-206-01-00	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	White / biela RAL9003	886x886x79 mm	LED 4000K / 13260lm	typ 82	321-B-206-01-01	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 100W **	Black / čierna RAL9005	886x886x79 mm	LED 4000K / 13260lm	typ 82	321-B-206-01-02	6,5 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x1165x79 mm	LED 3000K / 19040lm	typ 82	321-B-209-01-00	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	White / biela RAL9003	1165x1165x79 mm	LED 3000K / 19040lm	typ 82	321-B-209-01-01	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	Black / čierna RAL9005	1165x1165x79 mm	LED 3000K / 19040lm	typ 82	321-B-209-01-02	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x1165x79 mm	LED 4000K / 19040lm	typ 82	321-B-210-01-00	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	White / biela RAL9003	1165x1165x79 mm	LED 4000K / 19040lm	typ 82	321-B-210-01-01	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 144W **	Black / čierna RAL9005	1165x1165x79 mm	LED 4000K / 19040lm	typ 82	321-B-210-01-02	8,0 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x1444x79 mm	LED 3000K / 23800lm	typ 82	321-B-213-01-00	9,5 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	White / biela RAL9003	1444x1444x79 mm	LED 3000K / 23800lm	typ 82	321-B-213-01-01	9,5 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	Black / čierna RAL9005	1444x1444x79 mm	LED 3000K / 23800lm	typ 82	321-B-213-01-02	9,5 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x1444x79 mm	LED 4000K / 23800lm	typ 82	321-B-214-01-00	9,5 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	White / biela RAL9003	1444x1444x79 mm	LED 4000K / 23800lm	typ 82	321-B-214-01-01	9,5 kg
WEGA-FRAME2-EAA-DIM-DALI 180W **	Black / čierna RAL9005	1444x1444x79 mm	LED 4000K / 23800lm	typ 82	321-B-214-01-02	9,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

## WEGA-FRAME2-EAB LED



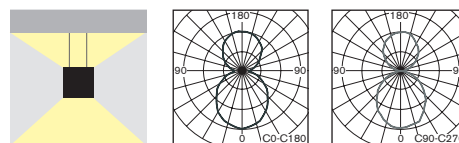
WEGA-FRAME2-EAB (Anodised AL)



WEGA-FRAME2-EAB (RAL9003)



WEGA-FRAME2-EAB (RAL9005)



- Exquisite slim design suspended lighting fixture for smooth, comfortable and energy saving direct (55%) and indirect (45%) illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - "U" shaped bottom
    - flat shaped upper
- elegantné štíhle závesné svietidlo s kombináciou príjemného a komfortného priameho (50%) a nepriameho (50%) osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare :
    - "U" spodný difúzor
    - plochý horný difúzor

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

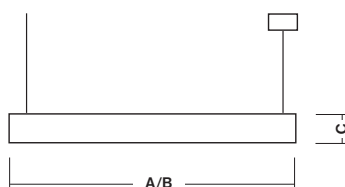


Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- alternatívna dĺžka závesu
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)







LED Suspended Luminaires for both direct/indirect illumination

## WEGA-FRAME2-EAB LED



\*\* Double Circuit Fixture / Dvojokruhové svietidlo

WEGA-FRAME2-EAB						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-EAB-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x607x94 mm	LED 3000K / 8840lm	typ 82	321-B-203-01-00	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 64W **	White / biela RAL9003	607x607x94 mm	LED 3000K / 8840lm	typ 82	321-B-203-01-01	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 64W **	Black / čierna RAL9005	607x607x94 mm	LED 3000K / 8840lm	typ 82	321-B-203-01-02	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x607x94 mm	LED 4000K / 8840lm	typ 82	321-B-204-01-00	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 64W **	White / biela RAL9003	607x607x94 mm	LED 4000K / 8840lm	typ 82	321-B-204-01-01	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 64W **	Black / čierna RAL9005	607x607x94 mm	LED 4000K / 8840lm	typ 82	321-B-204-01-02	5,0 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x886x94 mm	LED 3000K / 13260lm	typ 82	321-B-207-01-00	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	White / biela RAL9003	886x886x94 mm	LED 3000K / 13260lm	typ 82	321-B-207-01-01	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	Black / čierna RAL9005	886x886x94 mm	LED 3000K / 13260lm	typ 82	321-B-207-01-02	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x886x94 mm	LED 4000K / 13260lm	typ 82	321-B-208-01-00	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	White / biela RAL9003	886x886x94 mm	LED 4000K / 13260lm	typ 82	321-B-208-01-01	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 100W **	Black / čierna RAL9005	886x886x94 mm	LED 4000K / 13260lm	typ 82	321-B-208-01-02	6,5 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x1165x94 mm	LED 3000K / 19040lm	typ 82	321-B-211-01-00	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	White / biela RAL9003	1165x1165x94 mm	LED 3000K / 19040lm	typ 82	321-B-211-01-01	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	Black / čierna RAL9005	1165x1165x94 mm	LED 3000K / 19040lm	typ 82	321-B-211-01-02	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x1165x94 mm	LED 4000K / 19040lm	typ 82	321-B-212-01-00	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	White / biela RAL9003	1165x1165x94 mm	LED 4000K / 19040lm	typ 82	321-B-212-01-01	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 144W **	Black / čierna RAL9005	1165x1165x94 mm	LED 4000K / 19040lm	typ 82	321-B-212-01-02	8,0 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x1444x94 mm	LED 3000K / 23800lm	typ 82	321-B-215-01-00	9,5 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	White / biela RAL9003	1444x1444x94 mm	LED 3000K / 23800lm	typ 82	321-B-215-01-01	9,5 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	Black / čierna RAL9005	1444x1444x94 mm	LED 3000K / 23800lm	typ 82	321-B-215-01-02	9,5 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x1444x94 mm	LED 4000K / 23800lm	typ 82	321-B-216-01-00	9,5 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	White / biela RAL9003	1444x1444x94 mm	LED 4000K / 23800lm	typ 82	321-B-216-01-01	9,5 kg
WEGA-FRAME2-EAB-DIM-DALI 180W **	Black / čierna RAL9005	1444x1444x94 mm	LED 4000K / 23800lm	typ 82	321-B-216-01-02	9,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

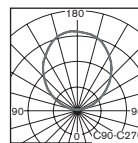
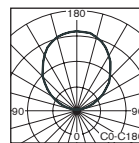
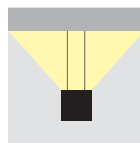
## WEGA-FRAME2-AA LED



WEGA-FRAME2-AA (Anodised AL)

Available also in following colours:

- white matt RAL9003
- black matt RAL9005



- Exquisite slim design suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle závesné svetidlo s kombináciou príjemného a komfortného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil



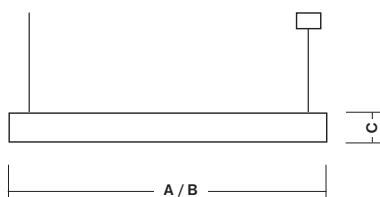
### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension kit 1m long
- **MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM**
- pripravené pre stmievanie DALI
- závesná lanková sada 1m dlhá
- **MidPower LED 150lm/W typu SAMSUNG alebo OSRAM**



Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)



### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- dĺžka závesnej lankovej sady podľa špecifikácie
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)





LED Suspended Luminaires for indirect illumination

## WEGA-FRAME2-AA LED

WEGA-FRAME2-AA						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-AA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-00	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-01	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-02	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-00	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-01	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-02	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-00	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-01	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-02	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-00	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-01	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-02	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-00	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-01	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-02	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-00	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-01	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-02	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-00	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-01	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-02	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-00	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-01	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-02	6,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)











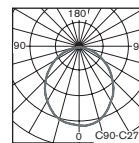
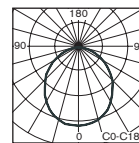
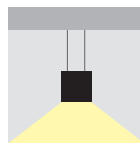


**WEGA-FRAME2-DA LED**

WEGA-FRAME2-DA (Anodised AL)



WEGA-FRAME2-DA (RAL9003)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostante) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

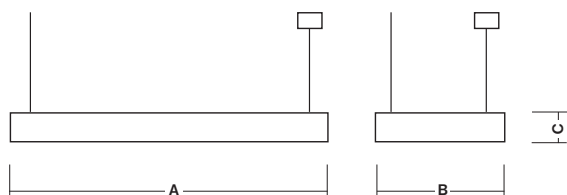
**OPTIONS****PRÍPLATKY**

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

Optional Item / Príplatková položka	Order Code / Objednávaci kód
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83

Wire rope suspension kit  
(Optional Accessories)Závesná sada  
(príplatková výbava)



**WEGA-FRAME2-DA LED**

WEGA-FRAME2-DA (RAL9005)

<b>WEGA-FRAME2-DA</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-DA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-00	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-01	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-02	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-00	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-01	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-02	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-00	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-01	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-02	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-00	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-01	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-02	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-00	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-01	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-02	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-00	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-01	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-02	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-00	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-01	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-02	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-00	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-01	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-02	9,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# TABAK PRESS







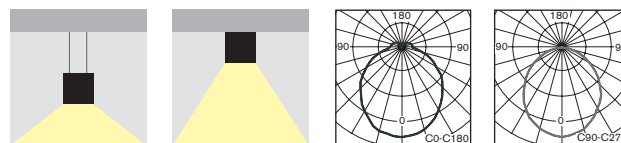


**WEGA-FRAME2-DB LED**

WEGA-FRAME2-DB (Anodised AL)



WEGA-FRAME2-DB (RAL9003)



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostante) svetidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

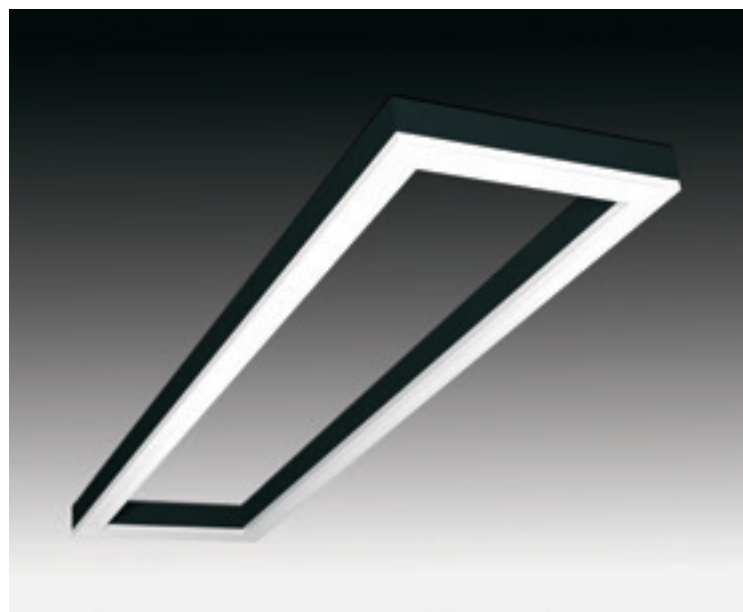
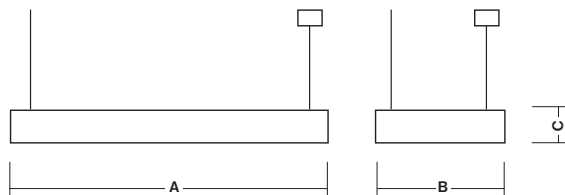
**OPTIONS****PRIPLATKY**

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

Optional Item / Príplatková položka	Order Code / Objednávaci kód
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83

Wire rope suspension kit  
(Optional Accessories)Závesná sada  
(príplatková výbava)



**WEGA-FRAME2-DB LED**

WEGA-FRAME2-DB (RAL9005)

<b>WEGA-FRAME2-DB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-DB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-00	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-01	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-02	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-00	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-01	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-02	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-00	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-01	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-02	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-00	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-01	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-02	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-00	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-01	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-02	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-00	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-01	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-02	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-00	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-01	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-02	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-00	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-01	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-02	9,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

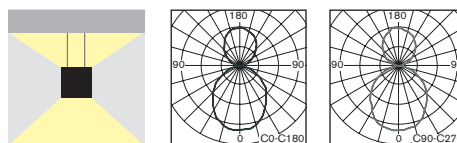
## WEGA-FRAME2-FAA LED



WEGA-FRAME2-FAA (Anodised AL)



WEGA-FRAME2-FAA (RAL9003)



- Exquisite slim design suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions are equipped with 2pcs of LED electronic ballasts - double circuit version - the direct (bottom) and indirect (upper) illumination can be ON/OFF individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
- elegantné štíhle závesné svietidlo s kombináciou priameho (50%) a nepriameho (50%) príjemného a úsporného osvetlenia
- svietidlá sú vybavené 2 LED elektronickými predradníkmi - dvojokruhovú verziu, priame (dolné) a nepriame (horné) osvetlenie môže byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM



Wire rope suspension kit 1m long (included in package)

Lanková závesná sada 1m dlhá (štandardne vo výbave)

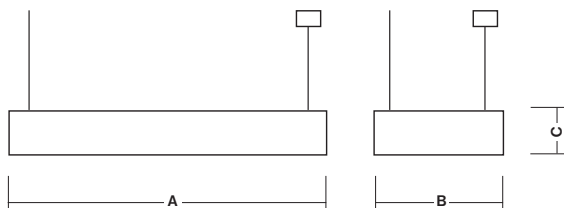


### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- alternatívna dĺžka závesu
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)



**WEGA-FRAME2-FAA LED**

WEGA-FRAME2-FAA (RAL9005)

\*\* Double Circuit Lighting Fixture / Dvojokruhové svetidlo

<b>WEGA-FRAME2-FAA</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-FAA-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x330x79 mm	LED 3000K / 8340m	typ 82	322-B-201-01-00	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 64W **	White / biela RAL9003	607x330x79 mm	LED 3000K / 8340m	typ 82	322-B-201-01-01	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 64W **	Black / čierna RAL9005	607x330x79 mm	LED 3000K / 8340m	typ 82	322-B-201-01-02	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x330x79 mm	LED 4000K / 8340m	typ 82	322-B-202-01-00	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 64W **	White / biela RAL9003	607x330x79 mm	LED 4000K / 8340m	typ 82	322-B-202-01-01	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 64W **	Black / čierna RAL9005	607x330x79 mm	LED 4000K / 8340m	typ 82	322-B-202-01-02	4,2 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x330x79 mm	LED 3000K / 12720m	typ 82	322-B-205-01-00	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	White / biela RAL9003	886x330x79 mm	LED 3000K / 12720m	typ 82	322-B-205-01-01	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	Black / čierna RAL9005	886x330x79 mm	LED 3000K / 12720m	typ 82	322-B-205-01-02	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x330x79 mm	LED 4000K / 12720m	typ 82	322-B-206-01-00	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	White / biela RAL9003	886x330x79 mm	LED 4000K / 12720m	typ 82	322-B-206-01-01	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 100W **	Black / čierna RAL9005	886x330x79 mm	LED 4000K / 12720m	typ 82	322-B-206-01-02	5,8 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x330x79 mm	LED 3000K / 18500lm	typ 82	322-B-209-01-00	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	White / biela RAL9003	1165x330x79 mm	LED 3000K / 18500lm	typ 82	322-B-209-01-01	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	Black / čierna RAL9005	1165x330x79 mm	LED 3000K / 18500lm	typ 82	322-B-209-01-02	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x330x79 mm	LED 4000K / 18500lm	typ 82	322-B-210-01-00	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	White / biela RAL9003	1165x330x79 mm	LED 4000K / 18500lm	typ 82	322-B-210-01-01	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 144W **	Black / čierna RAL9005	1165x330x79 mm	LED 4000K / 18500lm	typ 82	322-B-210-01-02	7,4 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x330x79 mm	LED 3000K / 23040lm	typ 82	322-B-213-01-00	9,0 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	White / biela RAL9003	1444x330x79 mm	LED 3000K / 23040lm	typ 82	322-B-213-01-01	9,0 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	Black / čierna RAL9005	1444x330x79 mm	LED 3000K / 23040lm	typ 82	322-B-213-01-02	9,0 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x330x79 mm	LED 4000K / 23040lm	typ 82	322-B-214-01-00	9,0 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	White / biela RAL9003	1444x330x79 mm	LED 4000K / 23040lm	typ 82	322-B-214-01-01	9,0 kg
WEGA-FRAME2-FAA-DIM-DALI 180W **	Black / čierna RAL9005	1444x330x79 mm	LED 4000K / 23040lm	typ 82	322-B-214-01-02	9,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

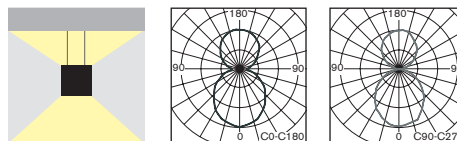
## WEGA-FRAME2-FAB LED



WEGA-FRAME2-FAB (Anodised AL)



WEGA-FRAME2-FAB (RAL9003)



- Exquisite slim design suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions are equipped with 2pcs of LED electronic ballasts - double circuit version - the direct (bottom) and indirect (upper) illumination can be ON/OFF individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - Upper flat shape / bottom "U" shape
- elegantné štíhle závesné svietidlo s kombináciou priameho (50%) a nepriameho (50%) príjemného a úsporného osvetlenia
- svietidlá sú vybavené 2 LED elektronickými predradníkmi - dvojokruhovú verziu, priame (dolné) a nepriame (horné) osvetlenie môže byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil:
    - horný plochý / spodný v tvare "U"

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM



Wire rope suspension kit 1m long  
(included in package)  
Lanková závesná sada 1m dlhá  
(štandardne vo výbave)

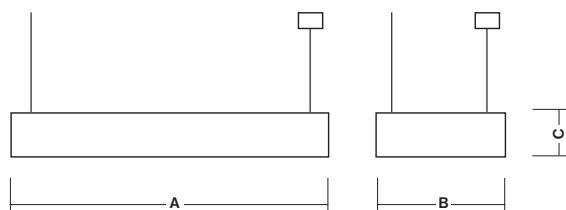


### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- alternatívna dĺžka závesu
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)



**WEGA-FRAME2-FAB LED**

WEGA-FRAME2-FAB (RAL9005)

\*\* Double Circuit Lighting Fixture / Dvojokruhové svetidlo

<b>WEGA-FRAME2-FAB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-FAB-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x330x94 mm	LED 3000K / 8340m	typ 82	322-B-203-01-00	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 64W **	White / biela RAL9003	607x330x94 mm	LED 3000K / 8340m	typ 82	322-B-203-01-01	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 64W **	Black / čierna RAL9005	607x330x94 mm	LED 3000K / 8340m	typ 82	322-B-203-01-02	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 64W **	Anodised AL / Eloxovaný AL	607x330x94 mm	LED 4000K / 8340m	typ 82	322-B-204-01-00	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 64W **	White / biela RAL9003	607x330x94 mm	LED 4000K / 8340m	typ 82	322-B-204-01-01	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 64W **	Black / čierna RAL9005	607x330x94 mm	LED 4000K / 8340m	typ 82	322-B-204-01-02	4,2 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x330x94 mm	LED 3000K / 12720m	typ 82	322-B-207-01-00	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	White / biela RAL9003	886x330x94 mm	LED 3000K / 12720m	typ 82	322-B-207-01-01	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	Black / čierna RAL9005	886x330x94 mm	LED 3000K / 12720m	typ 82	322-B-207-01-02	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	Anodised AL / Eloxovaný AL	886x330x94 mm	LED 4000K / 12720m	typ 82	322-B-208-01-00	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	White / biela RAL9003	886x330x94 mm	LED 4000K / 12720m	typ 82	322-B-208-01-01	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 100W **	Black / čierna RAL9005	886x330x94 mm	LED 4000K / 12720m	typ 82	322-B-208-01-02	5,8 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x330x94 mm	LED 3000K / 18500lm	typ 82	322-B-211-01-00	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	White / biela RAL9003	1165x330x94 mm	LED 3000K / 18500lm	typ 82	322-B-211-01-01	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	Black / čierna RAL9005	1165x330x94 mm	LED 3000K / 18500lm	typ 82	322-B-211-01-02	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	Anodised AL / Eloxovaný AL	1165x330x94 mm	LED 4000K / 18500lm	typ 82	322-B-212-01-00	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	White / biela RAL9003	1165x330x94 mm	LED 4000K / 18500lm	typ 82	322-B-212-01-01	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 144W **	Black / čierna RAL9005	1165x330x94 mm	LED 4000K / 18500lm	typ 82	322-B-212-01-02	7,4 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x330x94 mm	LED 3000K / 23040lm	typ 82	322-B-215-01-00	9,0 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	White / biela RAL9003	1444x330x94 mm	LED 3000K / 23040lm	typ 82	322-B-215-01-01	9,0 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	Black / čierna RAL9005	1444x330x94 mm	LED 3000K / 23040lm	typ 82	322-B-215-01-02	9,0 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	Anodised AL / Eloxovaný AL	1444x330x94 mm	LED 4000K / 23040lm	typ 82	322-B-216-01-00	9,0 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	White / biela RAL9003	1444x330x94 mm	LED 4000K / 23040lm	typ 82	322-B-216-01-01	9,0 kg
WEGA-FRAME2-FAB-DIM-DALI 180W **	Black / čierna RAL9005	1444x330x94 mm	LED 4000K / 23040lm	typ 82	322-B-216-01-02	9,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

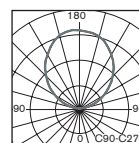
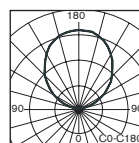
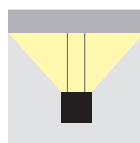
## WEGA-FRAME2-BA LED



WEGA-FRAME2-BA (Anodised AL)

Available also in following colours:

- white matt RAL9003
- black matt RAL9005



- Exquisite slim design suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle závesné svietidlo s kombináciou príjemného a komfortného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension kit 1m long
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- závesná lanková sada 1m dlhá
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

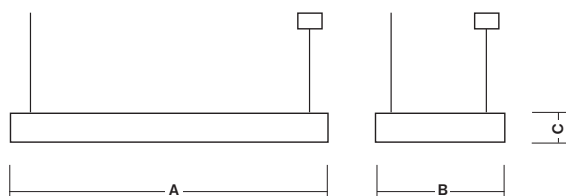


Wire rope suspension kit 1m long  
(included in package)  
Lanková závesná sada 1m dlhá  
(štandardne vo výbave)

### OPTIONS

### PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- dĺžka závesnej lankovej sady podľa špecifikácie
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

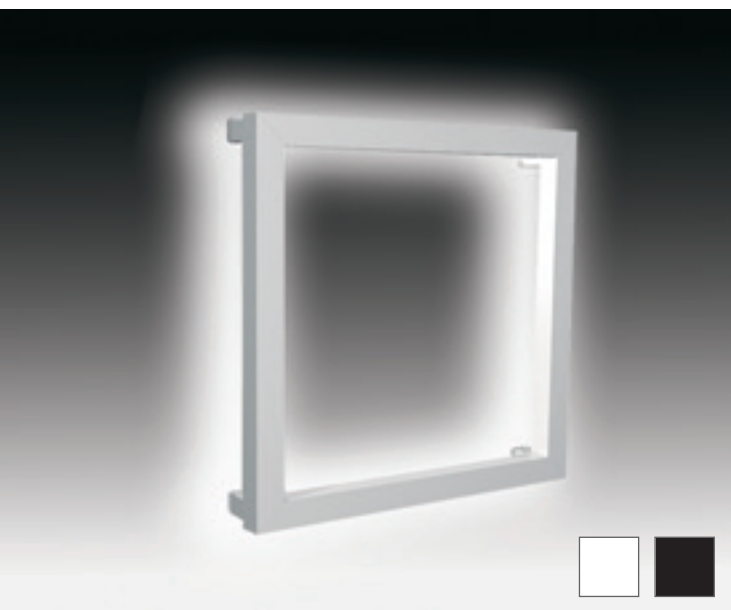




**WEGA-FRAME2-BA LED****WEGA-FRAME2-BA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-BA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-00	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-01	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-02	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-00	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-01	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-02	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-00	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-01	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-02	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-00	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-01	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-02	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-00	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-01	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-02	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-00	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-01	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-02	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-00	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-01	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-02	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-00	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-01	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-02	9,0 kg

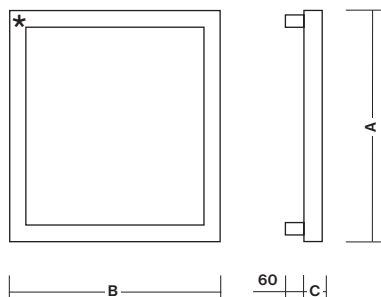
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

**WEGA-FRAME2-G**

WEGA-FRAME2-G (Anodised AL)

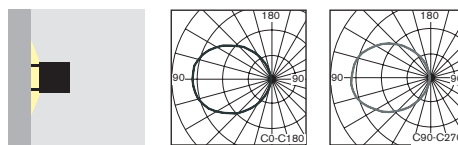
Available also in following colours:

- white matt RAL9003
- black matt RAL9005



★ 230V Terminal block position

★ Pozícia prípojnej svorkovnice 230V



- Exquisite slim design wall mounted lighting fixture for smooth, comfortable and energy saving indirect illumination
- Suitable for all representative areas, especially for all hall lounges, offices, hotels, shops, exhibitions, banks, or even modern residential areas
- Modern high quality materials:
- body made of pure aluminum profile available in following surface treatments:
  - anodised AL
  - white matt RAL9003
  - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle nastenné svetidlo s kombináciou príjemného, komfortného a úsporného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, obytné priestory, vestibuly alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- Wall mounting brackets
- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM

- konzoly pre montáž na stenu
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

**OPTIONS****PRÍPLATKY**

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)

**WEGA-FRAME2-G**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-G-DIM-DALI 32W	Anodised AL / Eloxovaný AL	680x680x50 mm	LED 3000K / 4360lm	typ 82	321-B-301-01-00	4,5 kg
WEGA-FRAME2-G-DIM-DALI 32W	White / biela RAL9003	680x680x50 mm	LED 3000K / 4360lm	typ 82	321-B-301-01-01	4,5 kg
WEGA-FRAME2-G-DIM-DALI 32W	Black / čierna RAL9005	680x680x50 mm	LED 3000K / 4360lm	typ 82	321-B-301-01-02	4,5 kg
WEGA-FRAME2-G-DIM-DALI 32W	Anodised AL / Eloxovaný AL	680x680x50 mm	LED 4000K / 4360lm	typ 82	321-B-302-01-00	4,5 kg
WEGA-FRAME2-G-DIM-DALI 32W	White / biela RAL9003	680x680x50 mm	LED 4000K / 4360lm	typ 82	321-B-302-01-01	4,5 kg
WEGA-FRAME2-G-DIM-DALI 32W	Black / čierna RAL9005	680x680x50 mm	LED 4000K / 4360lm	typ 82	321-B-302-01-02	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	Anodised AL / Eloxovaný AL	960x960x50 mm	LED 3000K / 6540lm	typ 82	321-B-303-01-00	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	White / biela RAL9003	960x960x50 mm	LED 3000K / 6540lm	typ 82	321-B-303-01-01	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	Black / čierna RAL9005	960x960x50 mm	LED 3000K / 6540lm	typ 82	321-B-303-01-02	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	Anodised AL / Eloxovaný AL	960x960x50 mm	LED 4000K / 6540lm	typ 82	321-B-304-01-00	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	White / biela RAL9003	960x960x50 mm	LED 4000K / 6540lm	typ 82	321-B-304-01-01	5,5 kg
WEGA-FRAME2-G-DIM-DALI 50W	Black / čierna RAL9005	960x960x50 mm	LED 4000K / 6540lm	typ 82	321-B-304-01-02	5,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)







# SLOVENSKÁ STÁVKOVÁ SPOLOČNOSŤ





ě

STÁVKOVÁ KANCELÁRIA

ni





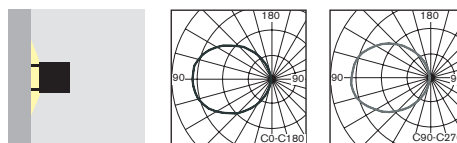
## WEGA-FRAME2-H



WEGA-FRAME2-H (Anodised AL)

Available also in following colours:

- white matt RAL9003
- black matt RAL9005



- Exquisite slim design wall mounted lighting fixture for smooth, comfortable and energy saving indirect illumination
- Suitable for all representative areas, especially for all hall lounges, offices, hotels, shops, exhibitions, banks, or even modern residential areas
- Modern high quality materials:
- body made of pure aluminum profile available in following surface treatments:
  - anodised AL
  - white matt RAL9003
  - black matt RAL9005
- extruded opal "milky" polycarbonate diffuser
- elegantné štíhle nástenné svietidlo s kombináciou príjemného, komfortného a úsporného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, obytné priestory, vestibuly alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

### STANDARD FEATURES

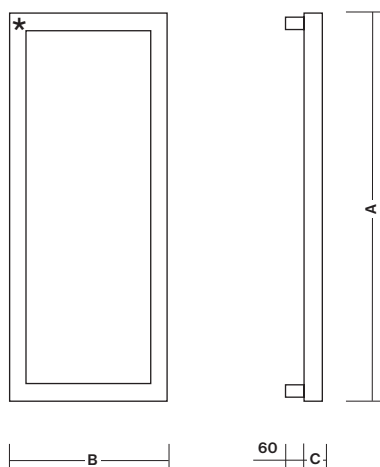
### ŠTANDARDNÁ VÝBAVA

- Wall mounting brackets
- Ready for DALI Dimming
- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- konzoly pre montáž na stenu
- pripravené pre stmievanie DALI
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM

### OPTIONS

### PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



\* 230V Terminal block position

\* Pozícia prípojnej svorkovnice 230V

**WEGA-FRAME2-H**

<b>WEGA-FRAME2-H</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-H-DIM-DALI 32W	Anodised AL / Eloxovaný AL	680x410x50 mm	LED 3000K / 4080lm	typ 82	322-B-301-01-00	4,2 kg
WEGA-FRAME2-H-DIM-DALI 32W	White / biela RAL9003	680x410x50 mm	LED 3000K / 4080lm	typ 82	322-B-301-01-01	4,2 kg
WEGA-FRAME2-H-DIM-DALI 32W	Black / čierna RAL9005	680x410x50 mm	LED 3000K / 4080lm	typ 82	322-B-301-01-02	4,2 kg
WEGA-FRAME2-H-DIM-DALI 32W	Anodised AL / Eloxovaný AL	680x410x50 mm	LED 4000K / 4080lm	typ 82	322-B-302-01-00	4,2 kg
WEGA-FRAME2-H-DIM-DALI 32W	White / biela RAL9003	680x410x50 mm	LED 4000K / 4080lm	typ 82	322-B-302-01-01	4,2 kg
WEGA-FRAME2-H-DIM-DALI 32W	Black / čierna RAL9005	680x410x50 mm	LED 4000K / 4080lm	typ 82	322-B-302-01-02	4,2 kg
WEGA-FRAME2-H-DIM-DALI 50W	Anodised AL / Eloxovaný AL	960x410x50 mm	LED 3000K / 6080lm	typ 82	322-B-303-01-00	4,7 kg
WEGA-FRAME2-H-DIM-DALI 50W	White / biela RAL9003	960x410x50 mm	LED 3000K / 6080lm	typ 82	322-B-303-01-01	4,7 kg
WEGA-FRAME2-H-DIM-DALI 50W	Black / čierna RAL9005	960x410x50 mm	LED 3000K / 6080lm	typ 82	322-B-303-01-02	4,7 kg
WEGA-FRAME2-H-DIM-DALI 50W	Anodised AL / Eloxovaný AL	960x410x50 mm	LED 4000K / 6080lm	typ 82	322-B-304-01-00	4,7 kg
WEGA-FRAME2-H-DIM-DALI 50W	White / biela RAL9003	960x410x50 mm	LED 4000K / 6080lm	typ 82	322-B-304-01-01	4,7 kg
WEGA-FRAME2-H-DIM-DALI 50W	Black / čierna RAL9005	960x410x50 mm	LED 4000K / 6080lm	typ 82	322-B-304-01-02	4,7 kg
WEGA-FRAME2-H-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1240x410x50 mm	LED 3000K / 9000lm	typ 82	322-B-305-01-00	5,2 kg
WEGA-FRAME2-H-DIM-DALI 72W	White / biela RAL9003	1240x410x50 mm	LED 3000K / 9000lm	typ 82	322-B-305-01-01	5,2 kg
WEGA-FRAME2-H-DIM-DALI 72W	Black / čierna RAL9005	1240x410x50 mm	LED 3000K / 9000lm	typ 82	322-B-305-01-02	5,2 kg
WEGA-FRAME2-H-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1240x410x50 mm	LED 4000K / 9000lm	typ 82	322-B-306-01-00	5,2 kg
WEGA-FRAME2-H-DIM-DALI 72W	White / biela RAL9003	1240x410x50 mm	LED 4000K / 9000lm	typ 82	322-B-306-01-01	5,2 kg
WEGA-FRAME2-H-DIM-DALI 72W	Black / čierna RAL9005	1240x410x50 mm	LED 4000K / 9000lm	typ 82	322-B-306-01-02	5,2 kg
WEGA-FRAME2-H-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1520x410x50 mm	LED 3000K / 11160lm	typ 82	322-B-307-01-00	5,7 kg
WEGA-FRAME2-H-DIM-DALI 90W	White / biela RAL9003	1520x410x50 mm	LED 3000K / 11160lm	typ 82	322-B-307-01-02	5,7 kg
WEGA-FRAME2-H-DIM-DALI 90W	Black / čierna RAL9005	1520x410x50 mm	LED 3000K / 11160lm	typ 82	322-B-307-01-03	5,7 kg
WEGA-FRAME2-H-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1520x410x50 mm	LED 4000K / 11160lm	typ 82	322-B-308-01-00	5,7 kg
WEGA-FRAME2-H-DIM-DALI 90W	White / biela RAL9003	1520x410x50 mm	LED 4000K / 11160lm	typ 82	322-B-308-01-01	5,7 kg
WEGA-FRAME2-H-DIM-DALI 90W	Black / čierna RAL9005	1520x410x50 mm	LED 4000K / 11160lm	typ 82	322-B-308-01-02	5,7 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



MODULAR LED Recessed Luminaires for Direct Illumination

## **WEGA-MODULE2 LED Recessed Mounting** MODULAR BLOCKS



## **WEGA-MODULE2 LED Recessed Mounting** MODULAR BLOCKS





# WEGA-MODULE2 LED MODULAR BLOCKS

Recessed mounting AL profile  
Fixation by screws

Fixácia stropného AL profilu  
pre zapustenú montáž



Recessed mounting AL profile  
Fixation by screws

Fixácia stropného AL profilu  
pre zapustenú montáž



...to lute the screws and AL profile edge  
around the recessed mounting hole

Zatmelenie skrutiek a hrany AL profilu  
okolo montážneho otvoru



...to smooth the surface

Vybrúsenie povrchu po tmelení



Final Painting

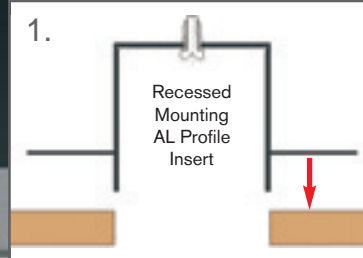
Výmalovanie



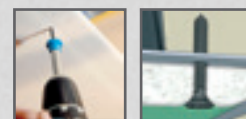
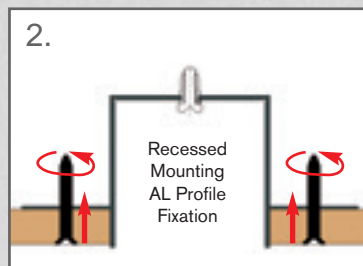
Recessed Ceiling  
Mounting AL Profile

AL profil pre  
zapustenú montáž

1.

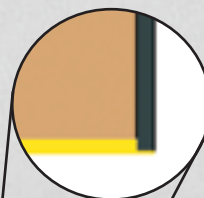


2.

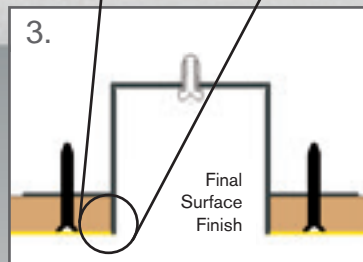


Recessed Mounting AL  
Profile Fixation Screws  
(not included)

Skrutky pre fixáciu AL  
profilu v stropě  
(nie sú súčasťou dodávky)



3.



LED  
MODULE

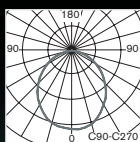
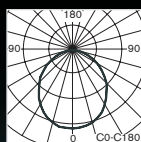
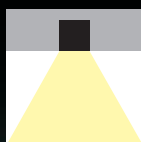
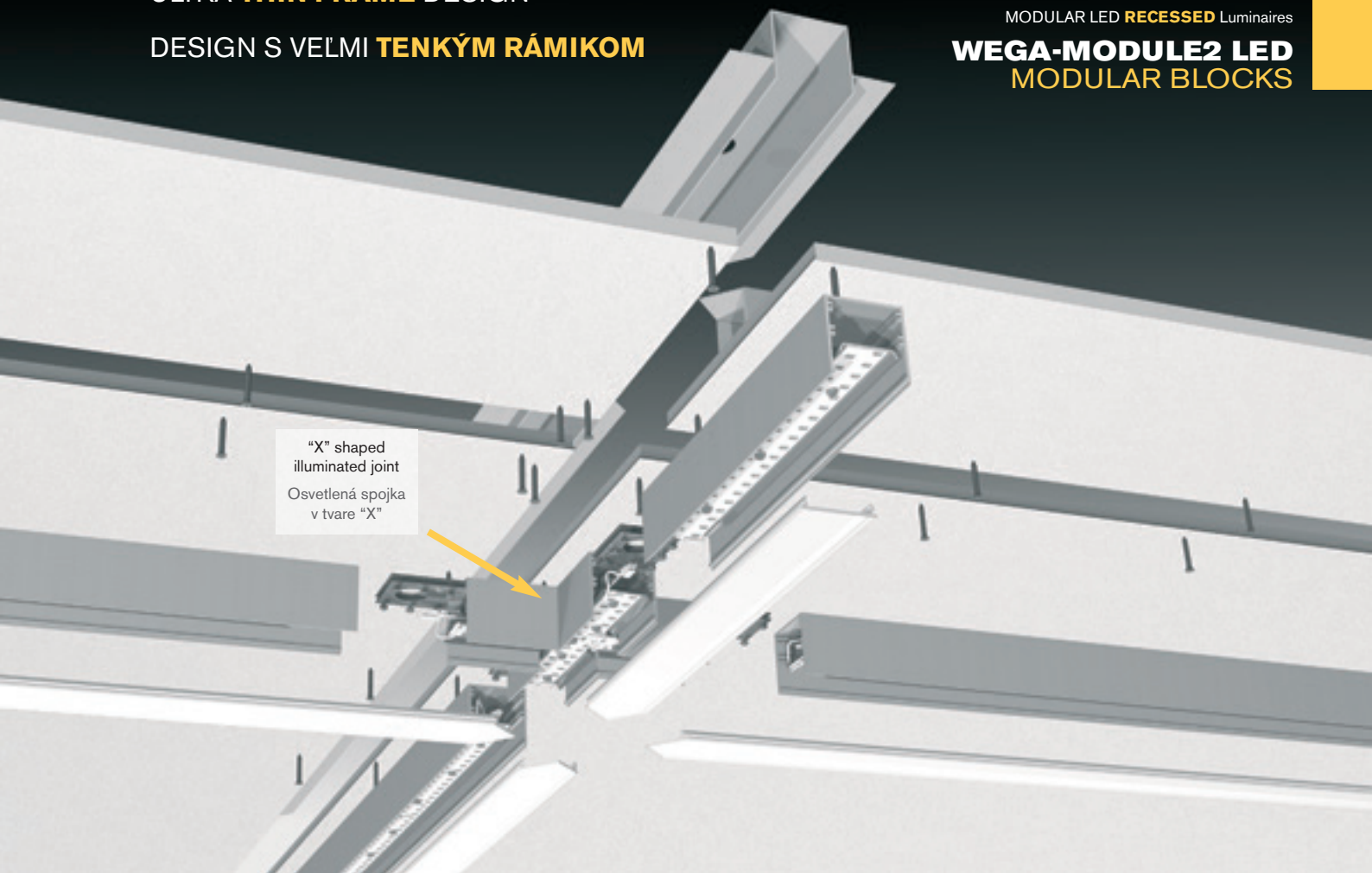
DIFFUSER  
DIFÚZOR

ULTRA **THIN FRAME** DESIGN

DESIGN S VEĽMI **TENKÝM RÁMIKOM**

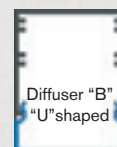
MODULAR LED **RECESSED** Luminaires

**WEGA-MODULE2 LED**  
MODULAR BLOCKS



**WEGA-MODULE2** Recessed Lighting System allows you to create customised shape **without any dark not illuminated areas.** All modules, including T,L,X,I joints, are illuminated.

**WEGA-MODULE2** svetelný systém pre zapustenie do stropu Vám umožňuje vyskladať si požadovaný tvar svietidla **bez neosvetlených tmavých miest.** Všetky moduly, vrátane T,L,X,I spojok, sú aktívne osvetlené.





# WEGA-MODULE2 LED Recessed Mounting MODULAR BLOCKS

1

**SHAPE / SIZE:**

- It is needed to create the lighting system idea (shape+size)
- This example shows 14pcs of LED modules 1124mm long, 6pcs of "L" shaped joints, 2pcs of "T" shaped joints, one "X" and one "I" joint

**TVAR / VEĽKOSŤ:**

- Je potrebné navrhnuť požadovaný tvar a veľkosť svetelnej sústavy
- Tento príklad ukazuje použitie 14ks modulov dĺžka 1124mm, 6 spojok tvaru "L", 2 spojky tvaru "T", jedna tvaru "X" a jedna tvaru "I".

2

**ELECTRICAL CIRCUITS SPECIFICATION:**

- Single electrical connection point max load is 460W. It is needed to sum the total power of the lighting system and divide it by 460 in order to figure out the number of 230V mains connections/ system
- This example shows 14x18W=252W (18W/module). It means only one 230V connection is needed (1 circuit). The picture on the right shows double circuit solution example.
- In case of total load >460W/system more circuits are needed.

**KALKULÁCIA POČTU ELEKTRICKÝCH PRIPOJENÍ / OKRUHOV:**

- Maximálna záťaž na jedno elektrické pripojenie je 460W. Je potrebné spočítať celkový príkon podľa jednotlivých modulov a vydeliť to číslom 460, aby sme zistili potrebný počet okruhov (230V pripojení)
- Tento príklad ukazuje použitie 14ks x 18W modulov = 252W, postačuje len 1 okruh.
- V prípade väčšieho celkového výkonu ako 460W je potrebné vytvoriť zodpovedajúci počet okruhov.

3

**RECESSED MOUNTING AL PROFILES:**

- For recessed ceiling mounting the mounting of AL profiles in the ceiling needs to be done first. Their length is not identical with length of LED modules. AL recessed mounting profiles are fixed with screws from the bottom through the ceiling panels and after the installation it is necessary to seal the surrounding surface of the ceiling to mounting profile level edge. It helps obtain its covering. The sealing hides the mounting screws, too. Then the ceiling can be painted.
- Based on your lighting system shape follow the picture on the right side and refer also to page No.122

**AL PROFILY PRE ZAPUSTENÚ MONTÁŽ DO STROPU:**

- Pre zapustenú montáž svietidiel do stropu je nutné najkôr osadiť montážne AL profily do stropu. Ich dĺžka nie je totožná s dĺžkou LED modulov! AL profily pre zapustenú montáž sa prichytávajú skrutkami zospodu cez stropné panely a neskôr po inštalácii je nutné okolitý povrch stropu vytmeliť do roviny hrany AL montážneho profilu, čím dosiahneme jeho zakrytie. Tmelením sa zakryjú aj montážne skrutky. Po vyhladení je možné strop vymalovať.
- Pre identifikáciu potrebných tvarov a dĺžok montážnych AL profilov - vid' obr. napravo a tiež str.122

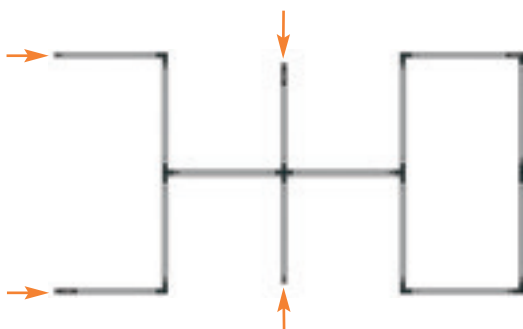
4

**End CAPS:**

- End cap is needed to terminate the lighting module at the end
- The end cap type depends on diffuser shape (flat or "U" shaped")

**ČELÍČKA:**

- Na ukončenie modulu je potrebné objednať samostatne čeličko, ktorého typ závisí od typu difúzera- plochý alebo v tvare "U"



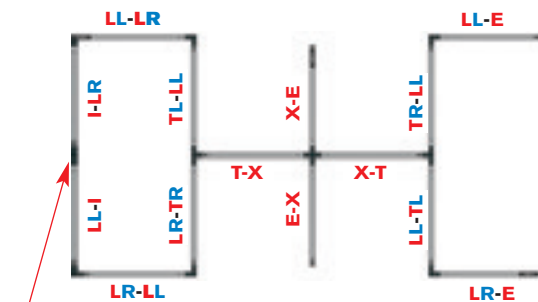
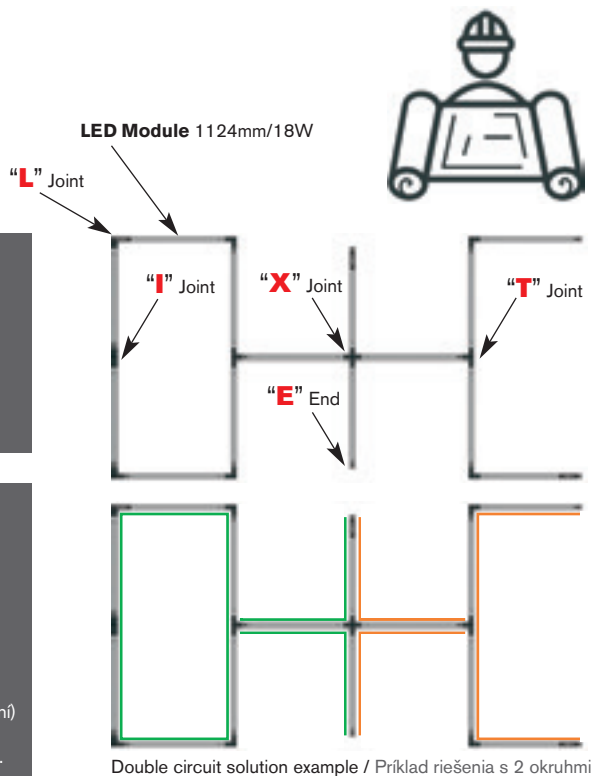
5

**SPECIFICATION OF DIFFUSERS:**

- Diffuser length/shape is not equal with LED module. It is needed to follow this rule:
  - E: to END CAP or connection of 2 neighbouring inline modules without "I" shaped joint
  - I: connection to "I" shaped linear joint
  - LR: connection to L shaped joint (RIGHT corner)
  - LL: connection to L shaped joint (LEFT corner)
  - TR: connection to T shaped joint (RIGHT corner)
  - TL: connection to T shaped joint (LEFT corner)
  - X/T: connection to X shaped or T shaped joint

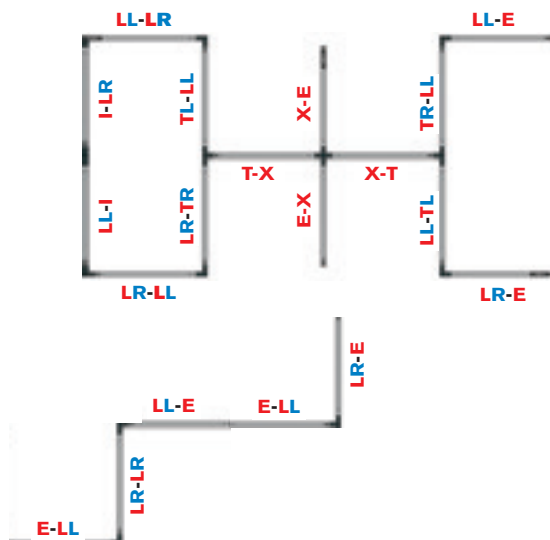
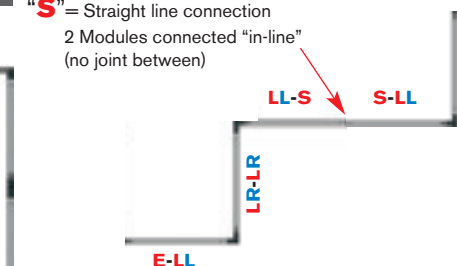
**ŠPECIFIKÁCIE KRYTOV SVIETIDIEL:**

- Dĺžka a tvar krytov nie sú totožné s LED modulmi. Pre ich špecifikáciu je potrebné určiť ich zastúpenie podľa nasledovného:
  - E: modul ukončený čeličkom alebo v prípade 2 susedných modulov spojených v línii bez I spojky
  - I: napojenie na I spojku
  - LR: napojenie na L spojku (pravý roh)
  - LL: napojenie na L spojku (ľavý roh)
  - TR: napojenie na T spojku (pravý roh)
  - TL: napojenie na T spojku (ľavý roh)
  - X: napojenie na X alebo T spojku



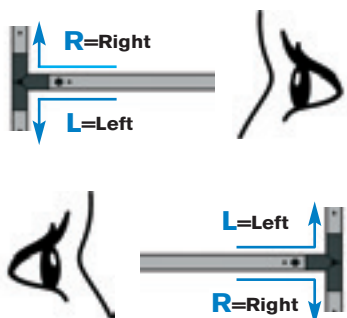
"I" = Straight line connection  
2 Modules connected "in-line"  
by "I" shaped joint

"S" = Straight line connection  
2 Modules connected "in-line"  
(no joint between)





## WEGA-MODULE2 LED Recessed Mounting MODULAR BLOCKS



**I / E / S**



**LR**



**LL**



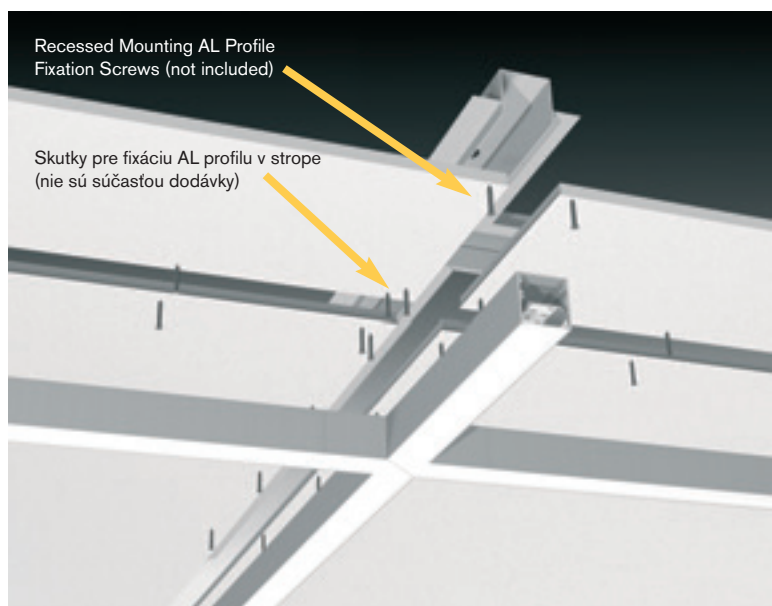
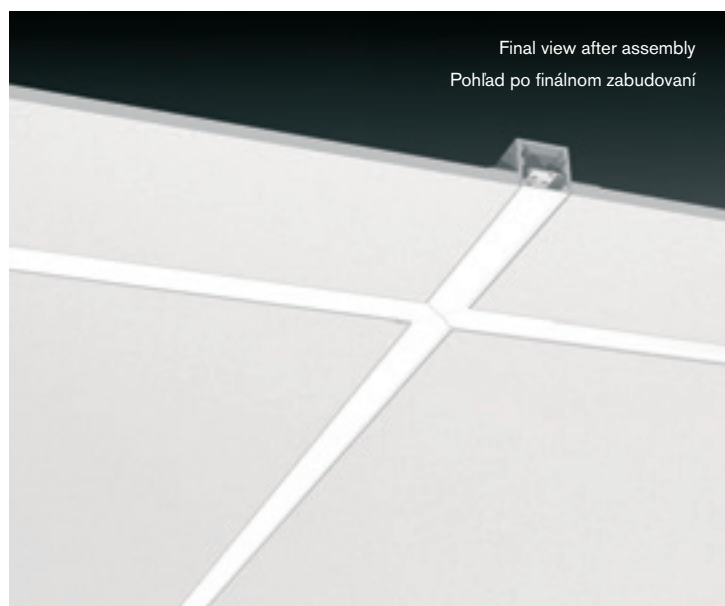
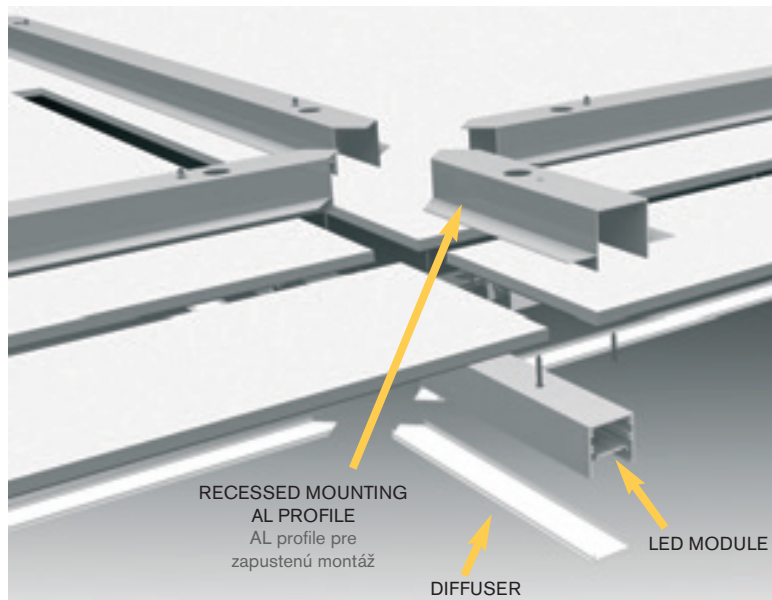
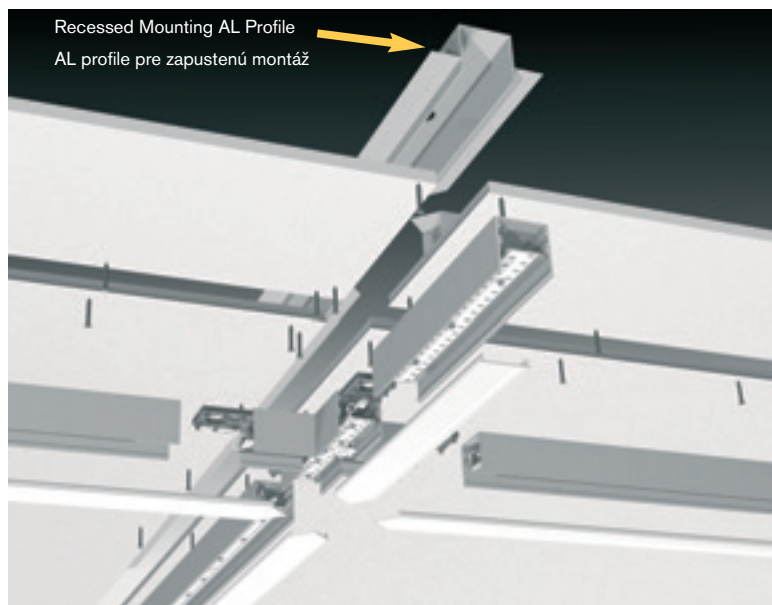
**TR**



**TL**



**X/T**

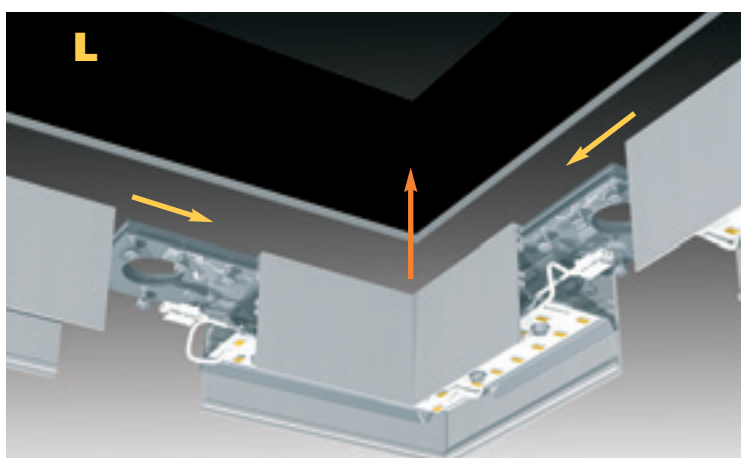
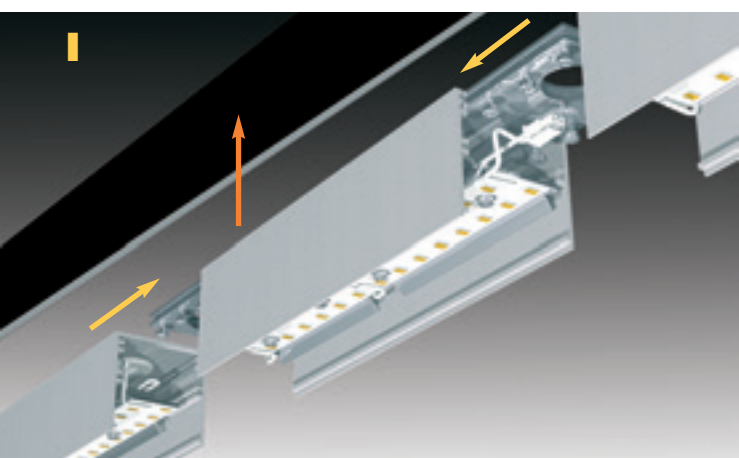
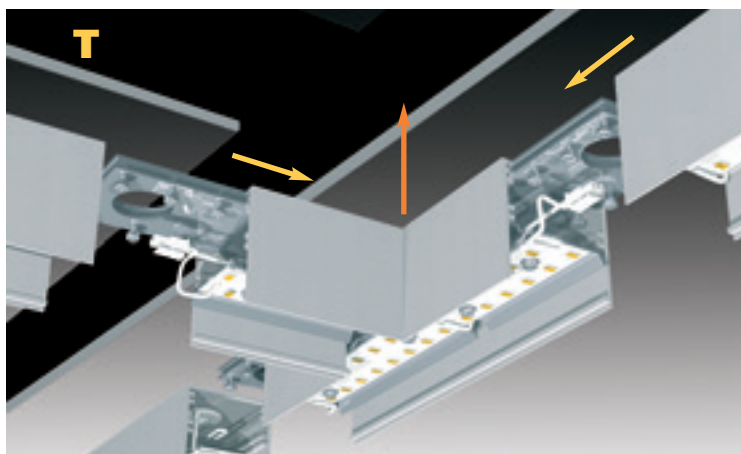
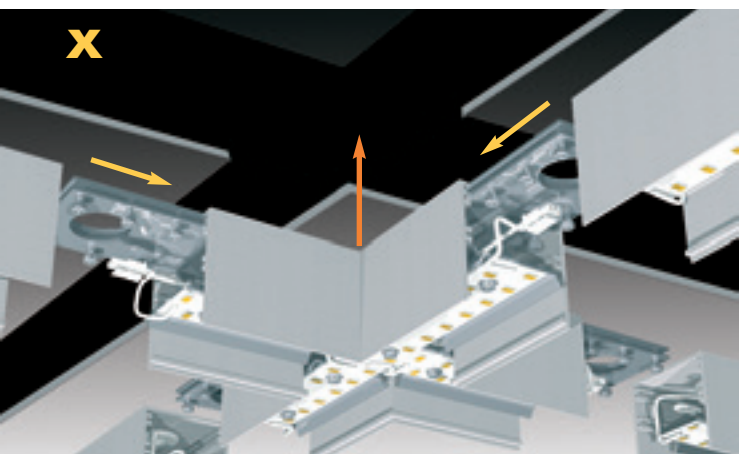




# WEGA-MODULE2 LED

## L, T, X, I SHAPED JOINTS

1



### WEGA-MODULE2 L, T, X, I JOINTS

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
L shaped joint 3W / 3000K L spojka	Anodised AL / Eloxovaný AL	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-05	0,7 kg
L shaped joint 3W / 3000K L spojka	White / biela RAL9003	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-13	0,7 kg
L shaped joint 3W / 3000K L spojka	Black / čierna RAL9005	120x120x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-21	0,7 kg
L shaped joint 3W / 4000K L spojka	Anodised AL / Eloxovaný AL	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-06	0,7 kg
L shaped joint 3W / 4000K L spojka	White / biela RAL9003	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-14	0,7 kg
L shaped joint 3W / 4000K L spojka	Black / čierna RAL9005	120x120x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-22	0,7 kg
T shaped joint 4,5W / 3000K T spojka	Anodised AL / Eloxovaný AL	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-03	0,8 kg
T shaped joint 4,5W / 3000K T spojka	White / biela RAL9003	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-11	0,8 kg
T shaped joint 4,5W / 3000K T spojka	Black / čierna RAL9005	189x120x50 mm	LED 3000K / 600lm	typ 82	320-B-000-13-19	0,8 kg
T shaped joint 4,5W / 4000K T spojka	Anodised AL / Eloxovaný AL	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-04	0,8 kg
T shaped joint 4,5W / 4000K T spojka	White / biela RAL9003	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-12	0,8 kg
T shaped joint 4,5W / 4000K T spojka	Black / čierna RAL9005	189x120x50 mm	LED 4000K / 600m	typ 82	320-B-000-13-20	0,8 kg
X shaped joint 6W / 3000K X spojka	Anodised AL / Eloxovaný AL	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-01	0,9 kg
X shaped joint 6W / 3000K X spojka	White / biela RAL9003	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-09	0,9 kg
X shaped joint 6W / 3000K X spojka	Black / čierna RAL9005	189x189x50 mm	LED 3000K / 800lm	typ 82	320-B-000-13-17	0,9 kg
X shaped joint 6W / 4000K X spojka	Anodised AL / Eloxovaný AL	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-02	0,9 kg
X shaped joint 6W / 4000K X spojka	White / biela RAL9003	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-10	0,9 kg
X shaped joint 6W / 4000K X spojka	Black / čierna RAL9005	189x189x50 mm	LED 4000K / 800lm	typ 82	320-B-000-13-18	0,9 kg
I shaped joint 3W / 3000K I spojka	Anodised AL / Eloxovaný AL	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-07	0,6 kg
I shaped joint 3W / 3000K I spojka	White / biela RAL9003	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-15	0,6 kg
I shaped joint 3W / 3000K I spojka	Black / čierna RAL9005	189x50x50 mm	LED 3000K / 400lm	typ 82	320-B-000-13-23	0,6 kg
I shaped joint 3W / 4000K I spojka	Anodised AL / Eloxovaný AL	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-08	0,6 kg
I shaped joint 3W / 4000K I spojka	White / biela RAL9003	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-16	0,6 kg
I shaped joint 3W / 4000K I spojka	Black / čierna RAL9005	189x50x50 mm	LED 4000K / 400lm	typ 82	320-B-000-13-24	0,6 kg

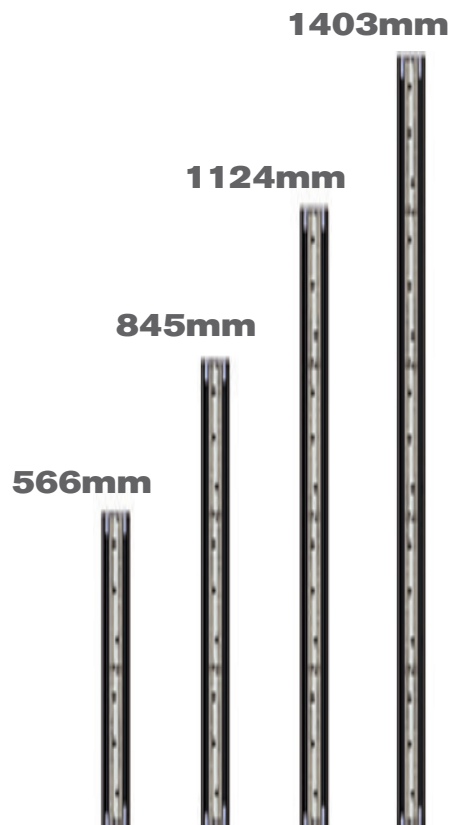
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



1

MODULAR LED Recessed Luminaires for Direct Illumination

## WEGA-MODULE2 LED Recessed Mounting LED MODULES



### WEGA-MODULE2 LED MODULE

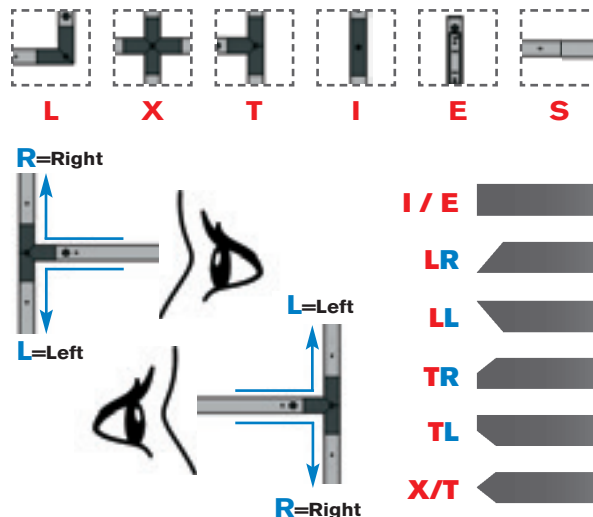
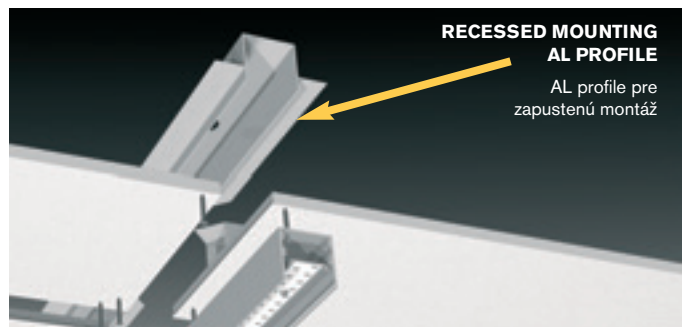
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DIM-DALI 8W	Anodised AL / Eloxovaný AL	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-00	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	White / biela RAL9003	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-01	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Black / čierna RAL9005	566x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-001-01-02	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Anodised AL / Eloxovaný AL	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-00	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	White / biela RAL9003	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-01	1,2 kg
WEGA-MODULE2-DIM-DALI 8W	Black / čierna RAL9005	566x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-002-01-02	1,2 kg
WEGA-MODULE2-DIM-DALI 13W	Anodised AL / Eloxovaný AL	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-00	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	White / biela RAL9003	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-01	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Black / čierna RAL9005	845x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-051-01-02	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Anodised AL / Eloxovaný AL	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-00	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	White / biela RAL9003	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-01	1,6 kg
WEGA-MODULE2-DIM-DALI 13W	Black / čierna RAL9005	845x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-052-01-02	1,6 kg
WEGA-MODULE2-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-00	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	White / biela RAL9003	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-01	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Black / čierna RAL9005	1124x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-101-01-02	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-00	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	White / biela RAL9003	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-01	2,0 kg
WEGA-MODULE2-DIM-DALI 18W	Black / čierna RAL9005	1124x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-102-01-02	2,0 kg
WEGA-MODULE2-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-00	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	White / biela RAL9003	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-01	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Black / čierna RAL9005	1403x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-151-01-02	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-00	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	White / biela RAL9003	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-01	2,4 kg
WEGA-MODULE2-DIM-DALI 23W	Black / čierna RAL9005	1403x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-152-01-02	2,4 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## WEGA-MODULE2 LED RECESSED MOUNTING AL PROFILE

3



### RECESSED MOUNTING AL PROFILE FOR LED MODULES 566mm

	X/T	TL	TR	LL	LR	E	I	S
X/T	320-B-000-09-01	320-B-000-09-02	320-B-000-09-03	320-B-000-09-04	320-B-000-09-05	320-B-000-09-06	320-B-000-09-07	320-B-000-09-29
TL	320-B-000-09-02	320-B-000-09-08	320-B-000-09-09	320-B-000-09-10	320-B-000-09-11	320-B-000-09-12	320-B-000-09-13	320-B-000-09-30
TR	320-B-000-09-03	320-B-000-09-09	320-B-000-09-14	320-B-000-09-15	320-B-000-09-16	320-B-000-09-17	320-B-000-09-18	320-B-000-09-31
LL	320-B-000-09-04	320-B-000-09-10	320-B-000-09-15	320-B-000-09-19	320-B-000-09-20	320-B-000-09-21	320-B-000-09-22	320-B-000-09-32
LR	320-B-000-09-05	320-B-000-09-11	320-B-000-09-16	320-B-000-09-20	320-B-000-09-23	320-B-000-09-24	320-B-000-09-25	320-B-000-09-33
E	320-B-000-09-06	320-B-000-09-12	320-B-000-09-17	320-B-000-09-21	320-B-000-09-24	320-B-000-09-26	320-B-000-09-27	320-B-000-09-34
I	320-B-000-09-07	320-B-000-09-13	320-B-000-09-18	320-B-000-09-22	320-B-000-09-25	320-B-000-09-27	320-B-000-09-28	320-B-000-09-35
S	320-B-000-09-29	320-B-000-09-30	320-B-000-09-31	320-B-000-09-32	320-B-000-09-33	320-B-000-09-34	320-B-000-09-35	320-B-000-09-36

### RECESSED MOUNTING AL PROFILE FOR LED MODULES 845mm

	X/T	TL	TR	LL	LR	E	I	S
X/T	320-B-000-10-01	320-B-000-10-02	320-B-000-10-03	320-B-000-10-04	320-B-000-10-05	320-B-000-10-06	320-B-000-10-07	320-B-000-10-29
TL	320-B-000-10-02	320-B-000-10-08	320-B-000-10-09	320-B-000-10-10	320-B-000-10-11	320-B-000-10-12	320-B-000-10-13	320-B-000-10-30
TR	320-B-000-10-03	320-B-000-10-09	320-B-000-10-14	320-B-000-10-15	320-B-000-10-16	320-B-000-10-17	320-B-000-10-18	320-B-000-10-31
LL	320-B-000-10-04	320-B-000-10-10	320-B-000-10-15	320-B-000-10-19	320-B-000-10-20	320-B-000-10-21	320-B-000-10-22	320-B-000-10-32
LR	320-B-000-10-05	320-B-000-10-11	320-B-000-10-16	320-B-000-10-20	320-B-000-10-23	320-B-000-10-24	320-B-000-10-25	320-B-000-10-33
E	320-B-000-10-06	320-B-000-10-12	320-B-000-10-17	320-B-000-10-21	320-B-000-10-24	320-B-000-10-26	320-B-000-10-27	320-B-000-10-34
I	320-B-000-10-07	320-B-000-10-13	320-B-000-10-18	320-B-000-10-22	320-B-000-10-25	320-B-000-10-27	320-B-000-10-28	320-B-000-10-35
S	320-B-000-10-29	320-B-000-10-30	320-B-000-10-31	320-B-000-10-32	320-B-000-10-33	320-B-000-10-34	320-B-000-10-35	320-B-000-10-36

### RECESSED MOUNTING AL PROFILE FOR LED MODULES 1124mm

	X/T	TL	TR	LL	LR	E	I	S
X/T	320-B-000-11-01	320-B-000-11-02	320-B-000-11-03	320-B-000-11-04	320-B-000-11-05	320-B-000-11-06	320-B-000-11-07	320-B-000-11-29
TL	320-B-000-11-02	320-B-000-11-08	320-B-000-11-09	320-B-000-11-10	320-B-000-11-11	320-B-000-11-12	320-B-000-11-13	320-B-000-11-30
TR	320-B-000-11-03	320-B-000-11-09	320-B-000-11-14	320-B-000-11-15	320-B-000-11-16	320-B-000-11-17	320-B-000-11-18	320-B-000-11-31
LL	320-B-000-11-04	320-B-000-11-10	320-B-000-11-15	320-B-000-11-19	320-B-000-11-20	320-B-000-11-21	320-B-000-11-22	320-B-000-11-32
LR	320-B-000-11-05	320-B-000-11-11	320-B-000-11-16	320-B-000-11-20	320-B-000-11-23	320-B-000-11-24	320-B-000-11-25	320-B-000-11-33
E	320-B-000-11-06	320-B-000-11-12	320-B-000-11-17	320-B-000-11-21	320-B-000-11-24	320-B-000-11-26	320-B-000-11-27	320-B-000-11-34
I	320-B-000-11-07	320-B-000-11-13	320-B-000-11-18	320-B-000-11-22	320-B-000-11-25	320-B-000-11-27	320-B-000-11-28	320-B-000-11-35
S	320-B-000-11-29	320-B-000-11-30	320-B-000-11-31	320-B-000-11-32	320-B-000-11-33	320-B-000-11-34	320-B-000-11-35	320-B-000-11-36

### RECESSED MOUNTING AL PROFILE FOR LED MODULES 1403mm

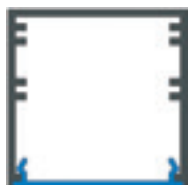
	X/T	TL	TR	LL	LR	E	I	S
X/T	320-B-000-12-01	320-B-000-12-02	320-B-000-12-03	320-B-000-12-04	320-B-000-12-05	320-B-000-12-06	320-B-000-12-07	320-B-000-12-29
TL	320-B-000-12-02	320-B-000-12-08	320-B-000-12-09	320-B-000-12-10	320-B-000-12-11	320-B-000-12-12	320-B-000-12-13	320-B-000-12-30
TR	320-B-000-12-03	320-B-000-12-09	320-B-000-12-14	320-B-000-12-15	320-B-000-12-16	320-B-000-12-17	320-B-000-12-18	320-B-000-12-31
LL	320-B-000-12-04	320-B-000-12-10	320-B-000-12-15	320-B-000-12-19	320-B-000-12-20	320-B-000-12-21	320-B-000-12-22	320-B-000-12-32
LR	320-B-000-12-05	320-B-000-12-11	320-B-000-12-16	320-B-000-12-20	320-B-000-12-23	320-B-000-12-24	320-B-000-12-25	320-B-000-12-33
E	320-B-000-12-06	320-B-000-12-12	320-B-000-12-17	320-B-000-12-21	320-B-000-12-24	320-B-000-12-26	320-B-000-12-27	320-B-000-12-34
I	320-B-000-12-07	320-B-000-12-13	320-B-000-12-18	320-B-000-12-22	320-B-000-12-25	320-B-000-12-27	320-B-000-12-28	320-B-000-12-35
S	320-B-000-12-29	320-B-000-12-30	320-B-000-12-31	320-B-000-12-32	320-B-000-12-33	320-B-000-12-34	320-B-000-12-35	320-B-000-12-36



4

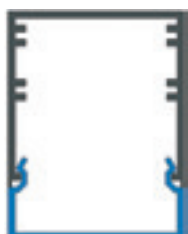
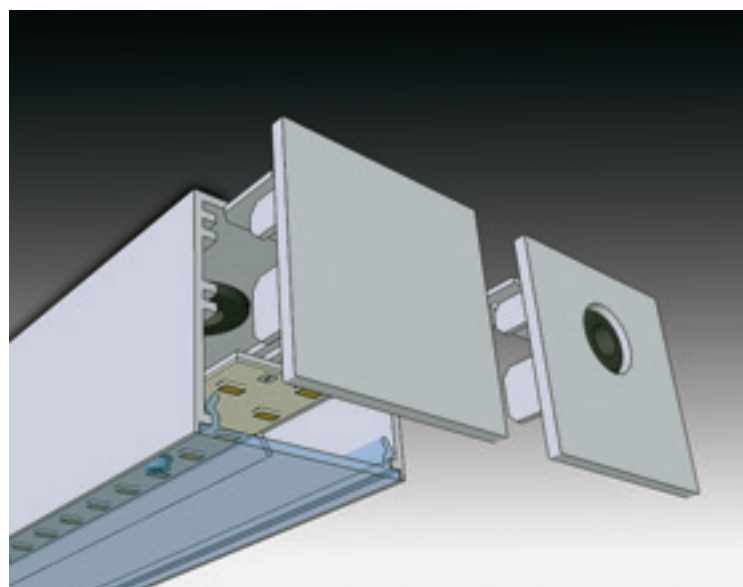
MODULAR LED Luminaires for direct illumination

## WEGA-MODULE2 LED MODULAR BLOCKS



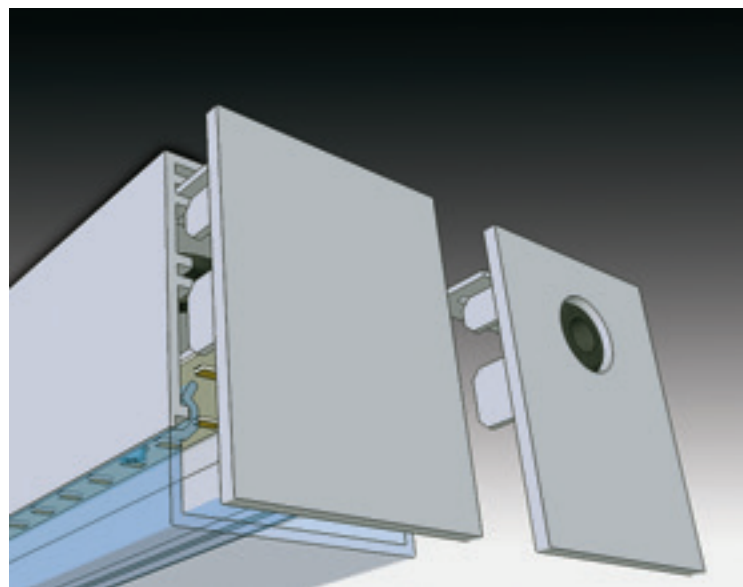
### END CAP FOR ALL WEGA-MODULE2 **FLAT SHAPED DIFFUSER** KONCOVÉ ČELÍČKO PRE WEGA-MODULE2 **PLOCHÝ DIFÚZOR**

Optional Item / Pripílatok	Order Code / Objednávaci kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-01
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-09
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-10
End cap wide side cable entry - RAL9006	320-B-000-14-02
End cap wide side cable entry - RAL9003	320-B-000-14-11
End cap wide side cable entry - RAL9005	320-B-000-14-12



### END CAP FOR ALL WEGA-MODULE2 **"U" SHAPED DIFFUSER** KONCOVÉ ČELÍČKO PRE WEGA-MODULE2 **DIFÚZOR V TVARE "U"**

Optional Item / Pripílatok	Order Code / Objednávaci kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-03
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-13
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-14
End cap wide side cable entry - RAL9006	320-B-000-14-04
End cap wide side cable entry - RAL9003	320-B-000-14-15
End cap wide side cable entry - RAL9005	320-B-000-14-16

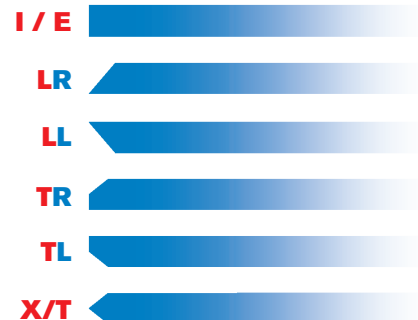
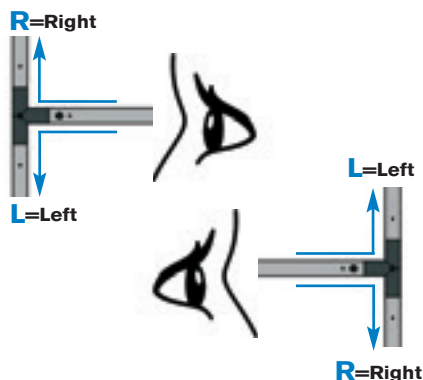
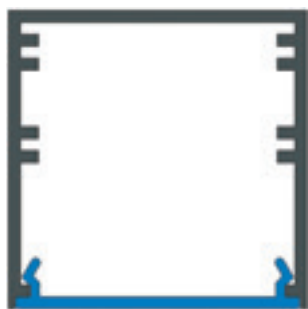




# WEGA-MODULE2 LED FLAT SHAPED DIFFUSERS



5



## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR LED MODULES 566mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-01-01	320-B-000-01-02	320-B-000-01-03	320-B-000-01-04	320-B-000-01-05	320-B-000-01-06	320-B-000-01-07
TL	320-B-000-01-02	320-B-000-01-08	320-B-000-01-09	320-B-000-01-10	320-B-000-01-11	320-B-000-01-12	320-B-000-01-13
TR	320-B-000-01-03	320-B-000-01-09	320-B-000-01-14	320-B-000-01-15	320-B-000-01-16	320-B-000-01-17	320-B-000-01-18
LL	320-B-000-01-04	320-B-000-01-10	320-B-000-01-15	320-B-000-01-19	320-B-000-01-20	320-B-000-01-21	320-B-000-01-22
LR	320-B-000-01-05	320-B-000-01-11	320-B-000-01-16	320-B-000-01-20	320-B-000-01-23	320-B-000-01-24	320-B-000-01-25
E	320-B-000-01-06	320-B-000-01-12	320-B-000-01-17	320-B-000-01-21	320-B-000-01-24	320-B-000-01-26	320-B-000-01-27
I	320-B-000-01-07	320-B-000-01-13	320-B-000-01-18	320-B-000-01-22	320-B-000-01-25	320-B-000-01-27	320-B-000-01-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR LED MODULES 845mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-02-01	320-B-000-02-02	320-B-000-02-03	320-B-000-02-04	320-B-000-02-05	320-B-000-02-06	320-B-000-02-07
TL	320-B-000-02-02	320-B-000-02-08	320-B-000-02-09	320-B-000-02-10	320-B-000-02-11	320-B-000-02-12	320-B-000-02-13
TR	320-B-000-02-03	320-B-000-02-09	320-B-000-02-14	320-B-000-02-15	320-B-000-02-16	320-B-000-02-17	320-B-000-02-18
LL	320-B-000-02-04	320-B-000-02-10	320-B-000-02-15	320-B-000-02-19	320-B-000-02-20	320-B-000-02-21	320-B-000-02-22
LR	320-B-000-02-05	320-B-000-02-11	320-B-000-02-16	320-B-000-02-20	320-B-000-02-23	320-B-000-02-24	320-B-000-02-25
E	320-B-000-02-06	320-B-000-02-12	320-B-000-02-17	320-B-000-02-21	320-B-000-02-24	320-B-000-02-26	320-B-000-02-27
I	320-B-000-02-07	320-B-000-02-13	320-B-000-02-18	320-B-000-02-22	320-B-000-02-25	320-B-000-02-27	320-B-000-02-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR LED MODULES 1124mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-03-01	320-B-000-03-02	320-B-000-03-03	320-B-000-03-04	320-B-000-03-05	320-B-000-03-06	320-B-000-03-07
TL	320-B-000-03-02	320-B-000-03-08	320-B-000-03-09	320-B-000-03-10	320-B-000-03-11	320-B-000-03-12	320-B-000-03-13
TR	320-B-000-03-03	320-B-000-03-09	320-B-000-03-14	320-B-000-03-15	320-B-000-03-16	320-B-000-03-17	320-B-000-03-18
LL	320-B-000-03-04	320-B-000-03-10	320-B-000-03-15	320-B-000-03-19	320-B-000-03-20	320-B-000-03-21	320-B-000-03-22
LR	320-B-000-03-05	320-B-000-03-11	320-B-000-03-16	320-B-000-03-20	320-B-000-03-23	320-B-000-03-24	320-B-000-03-25
E	320-B-000-03-06	320-B-000-03-12	320-B-000-03-17	320-B-000-03-21	320-B-000-03-24	320-B-000-03-26	320-B-000-03-27
I	320-B-000-03-07	320-B-000-03-13	320-B-000-03-18	320-B-000-03-22	320-B-000-03-25	320-B-000-03-27	320-B-000-03-28

## WEGA-MODULE2 FLAT SHAPED DIFFUSERS - FOR LED MODULES 1403mm

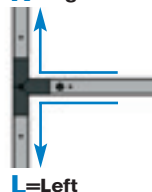
	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-04-01	320-B-000-04-02	320-B-000-04-03	320-B-000-04-04	320-B-000-04-05	320-B-000-04-06	320-B-000-04-07
TL	320-B-000-04-02	320-B-000-04-08	320-B-000-04-09	320-B-000-04-10	320-B-000-04-11	320-B-000-04-12	320-B-000-04-13
TR	320-B-000-04-03	320-B-000-04-09	320-B-000-04-14	320-B-000-04-15	320-B-000-04-16	320-B-000-04-17	320-B-000-04-18
LL	320-B-000-04-04	320-B-000-04-10	320-B-000-04-15	320-B-000-04-19	320-B-000-04-20	320-B-000-04-21	320-B-000-04-22
LR	320-B-000-04-05	320-B-000-04-11	320-B-000-04-16	320-B-000-04-20	320-B-000-04-23	320-B-000-04-24	320-B-000-04-25
E	320-B-000-04-06	320-B-000-04-12	320-B-000-04-17	320-B-000-04-21	320-B-000-04-24	320-B-000-04-26	320-B-000-04-27
I	320-B-000-04-07	320-B-000-04-13	320-B-000-04-18	320-B-000-04-22	320-B-000-04-25	320-B-000-04-27	320-B-000-04-28



MODULAR LED Recessed Luminaires for Direct Illumination

## “U” SHAPED DIFFUSERS

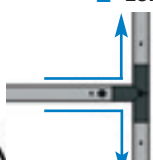
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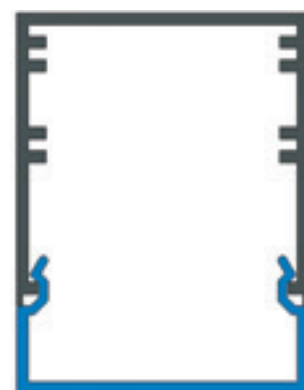
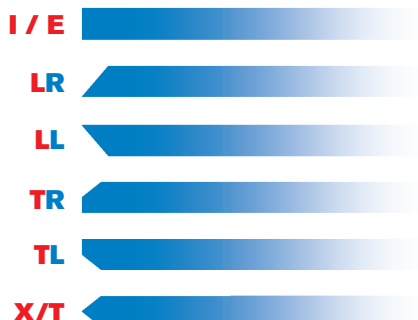
L=Left



L=Left



R=Right



5

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 566mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-05-01	320-B-000-05-02	320-B-000-05-03	320-B-000-05-04	320-B-000-05-05	320-B-000-05-06	320-B-000-05-07
TL	320-B-000-05-02	320-B-000-05-08	320-B-000-05-09	320-B-000-05-10	320-B-000-05-11	320-B-000-05-12	320-B-000-05-13
TR	320-B-000-05-03	320-B-000-05-09	320-B-000-05-14	320-B-000-05-15	320-B-000-05-16	320-B-000-05-17	320-B-000-05-18
LL	320-B-000-05-04	320-B-000-05-10	320-B-000-05-15	320-B-000-05-19	320-B-000-05-20	320-B-000-05-21	320-B-000-05-22
LR	320-B-000-05-05	320-B-000-05-11	320-B-000-05-16	320-B-000-05-20	320-B-000-05-23	320-B-000-05-24	320-B-000-05-25
E	320-B-000-05-06	320-B-000-05-12	320-B-000-05-17	320-B-000-05-21	320-B-000-05-24	320-B-000-05-26	320-B-000-05-27
I	320-B-000-05-07	320-B-000-05-13	320-B-000-05-18	320-B-000-05-22	320-B-000-05-25	320-B-000-05-27	320-B-000-05-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 845mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-06-01	320-B-000-06-02	320-B-000-06-03	320-B-000-06-04	320-B-000-06-05	320-B-000-06-06	320-B-000-06-07
TL	320-B-000-06-02	320-B-000-06-08	320-B-000-06-09	320-B-000-06-10	320-B-000-06-11	320-B-000-06-12	320-B-000-06-13
TR	320-B-000-06-03	320-B-000-06-09	320-B-000-06-14	320-B-000-06-15	320-B-000-06-16	320-B-000-06-17	320-B-000-06-18
LL	320-B-000-06-04	320-B-000-06-10	320-B-000-06-15	320-B-000-06-19	320-B-000-06-20	320-B-000-06-21	320-B-000-06-22
LR	320-B-000-06-05	320-B-000-06-11	320-B-000-06-16	320-B-000-06-20	320-B-000-06-23	320-B-000-06-24	320-B-000-06-25
E	320-B-000-06-06	320-B-000-06-12	320-B-000-06-17	320-B-000-06-21	320-B-000-06-24	320-B-000-06-26	320-B-000-06-27
I	320-B-000-06-07	320-B-000-06-13	320-B-000-06-18	320-B-000-06-22	320-B-000-06-25	320-B-000-06-27	320-B-000-06-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 1124mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-07-01	320-B-000-07-02	320-B-000-07-03	320-B-000-07-04	320-B-000-07-05	320-B-000-07-06	320-B-000-07-07
TL	320-B-000-07-02	320-B-000-07-08	320-B-000-07-09	320-B-000-07-10	320-B-000-07-11	320-B-000-07-12	320-B-000-07-13
TR	320-B-000-07-03	320-B-000-07-09	320-B-000-07-14	320-B-000-07-15	320-B-000-07-16	320-B-000-07-17	320-B-000-07-18
LL	320-B-000-07-04	320-B-000-07-10	320-B-000-07-15	320-B-000-07-19	320-B-000-07-20	320-B-000-07-21	320-B-000-07-22
LR	320-B-000-07-05	320-B-000-07-11	320-B-000-07-16	320-B-000-07-20	320-B-000-07-23	320-B-000-07-24	320-B-000-07-25
E	320-B-000-07-06	320-B-000-07-12	320-B-000-07-17	320-B-000-07-21	320-B-000-07-24	320-B-000-07-26	320-B-000-07-27
I	320-B-000-07-07	320-B-000-07-13	320-B-000-07-18	320-B-000-07-22	320-B-000-07-25	320-B-000-07-27	320-B-000-07-28

### WEGA-MODULE2 “U” SHAPED DIFFUSERS - FOR MODULES 1403mm

	X/T	TL	TR	LL	LR	E	I
X/T	320-B-000-08-01	320-B-000-08-02	320-B-000-08-03	320-B-000-08-04	320-B-000-08-05	320-B-000-08-06	320-B-000-08-07
TL	320-B-000-08-02	320-B-000-08-08	320-B-000-08-09	320-B-000-08-10	320-B-000-08-11	320-B-000-08-12	320-B-000-08-13
TR	320-B-000-08-03	320-B-000-08-09	320-B-000-08-14	320-B-000-08-15	320-B-000-08-16	320-B-000-08-17	320-B-000-08-18
LL	320-B-000-08-04	320-B-000-08-10	320-B-000-08-15	320-B-000-08-19	320-B-000-08-20	320-B-000-08-21	320-B-000-08-22
LR	320-B-000-08-05	320-B-000-08-11	320-B-000-08-16	320-B-000-08-20	320-B-000-08-23	320-B-000-08-24	320-B-000-08-25
E	320-B-000-08-06	320-B-000-08-12	320-B-000-08-17	320-B-000-08-21	320-B-000-08-24	320-B-000-08-26	320-B-000-08-27
I	320-B-000-08-07	320-B-000-08-13	320-B-000-08-18	320-B-000-08-22	320-B-000-08-25	320-B-000-08-27	320-B-000-08-28

## **WEGA-MODULE2 LED Recessed Mounting** MODULAR BLOCKS





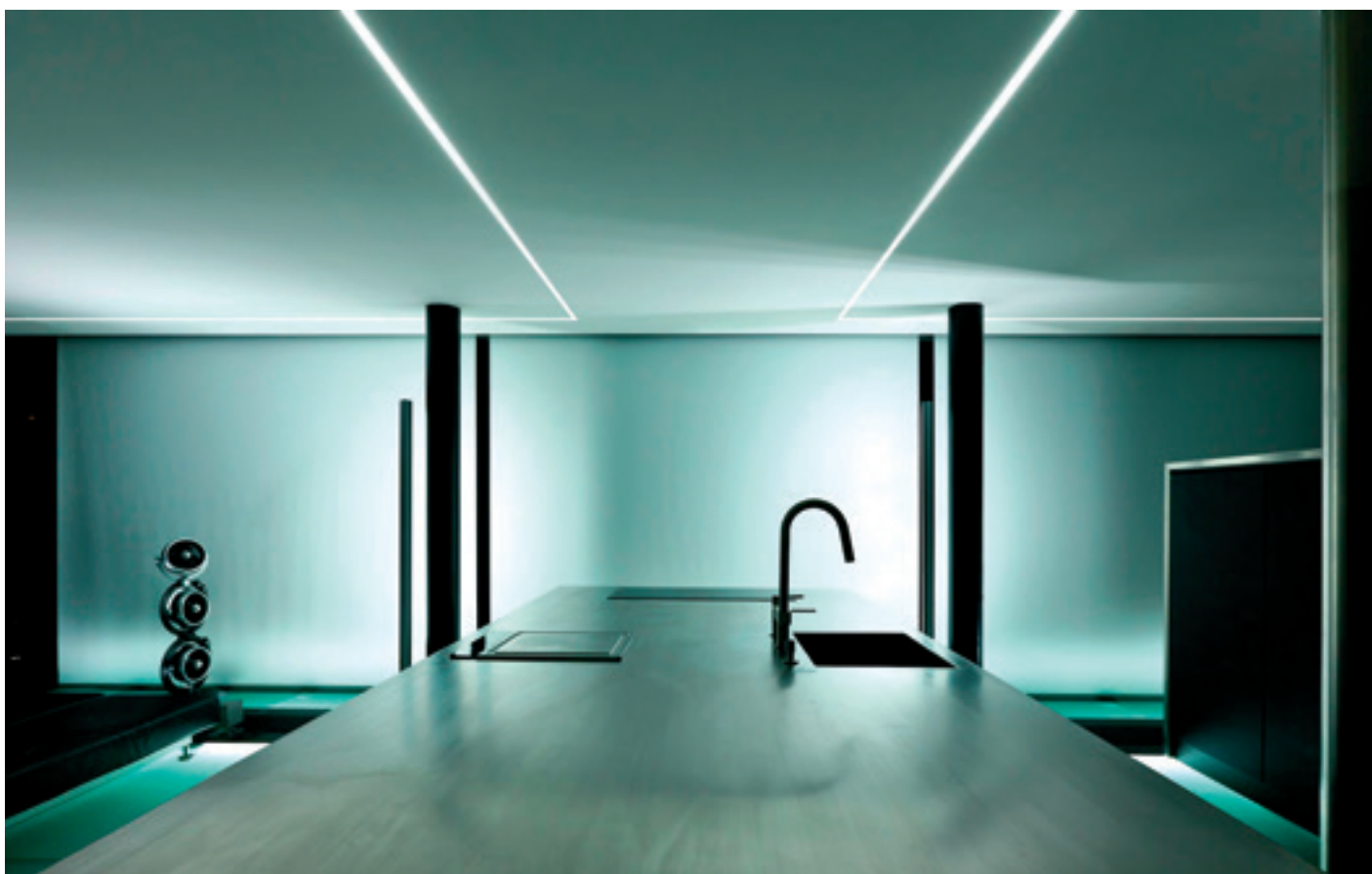
## WEGA-MODULE2 LED Recessed Mounting MODULAR BLOCKS

Office building lighting application



## **WEGA-MODULE2 LED Recessed Mounting** MODULAR BLOCKS

Residential area lighting application



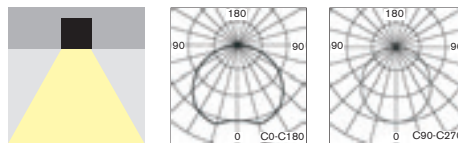
## WEGA-MODULE2 LED Recessed Mounting MODULAR BLOCKS



Office building  
lighting application



## AVANTIS-CD2 LED / T8 LED



- Exquisite recessed mounted lighting fixture for powerful and energy saving direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Available also for LED T8 tubes (all LED T8 versions only, LED tube not incl.)
- It is possible to connect the fixtures to the line ("inline" assembly)
- Modern high quality materials:
  - body made of anodised extruded aluminum profile
  - extruded "opal" milky polycarbonate diffuser
- elegantné LED svietidlo určené pre zapustenú montáž do stropu, možné spájať do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- dostupné aj vo verzii pre pre LED T8 trubice (nie je súčasťou dodávky)
- vysokokvalitné materiály:
  - teleso: eloxovaný extrúovaný AL profil
  - difúzor: polykarbonát

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- Recessed mounting accessories
- Ready for DALI Dimming (except from LED T8 versions)
- **MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM** (except from LED T8 versions)
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- príslušenstvo pre montáž do stropu
- pripravené pre stmievanie DALI (okrem LED T8 verzii)
- **MidPower LED 150lm/W typu SAMSUNG alebo OSRAM** (okrem LED T8 verzii)
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie

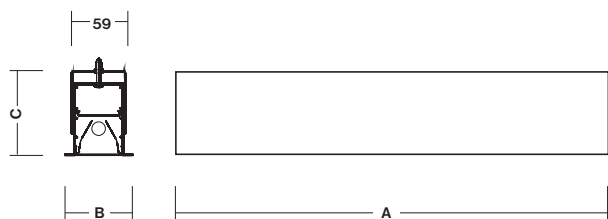


### OPTIONS

### PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 50pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 50ks)



**AVANTIS-CD2 LED / T8 LED**

**Recessed mounting hole size (LxW)=**  
**= (total module length -15mm) x 68mm**  
 Required height of false ceiling is min120mm

**Rozmer montážneho otvoru (DxŠ)= (celková dĺžka modulov -15mm) x 68mm**  
 Min.požadovaná svetlá výška nad sádkartónovým stropom je min.120mm

**AVANTIS-CD2 LED T8**

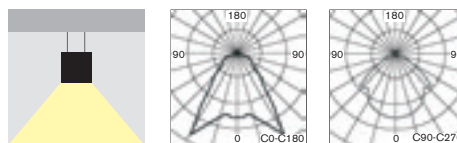
Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
AVANTIS-CD2 T8-LED/600mm	673 x 80 x 86 mm	230V AC	1x LED T8 600mm (not included)	249-B-900-01-00	1,5 kg
AVANTIS-CD2 T8-LED/1200mm	1283 x 80 x 86 mm	230V AC	1x LED T8 1200mm (not included)	249-B-901-01-00	2,5 kg
AVANTIS-CD2 T8-LED/1500mm	1583 x 80 x 86 mm	230V AC	1x LED T8 1500mm (not included)	249-B-902-01-00	3,0 kg
AVANTIS-CD2 T8-LED/2x1200mm	2513 x 80 x 86 mm	230V AC	2x LED T8 1200mm (not included)	249-B-903-01-00	5,0 kg
AVANTIS-CD2 T8-LED/2x1500mm	3113 x 80 x 86 mm	230V AC	2x LED T8 1500mm (not included)	249-B-904-01-00	6,0 kg

**AVANTIS-CD2 LED**

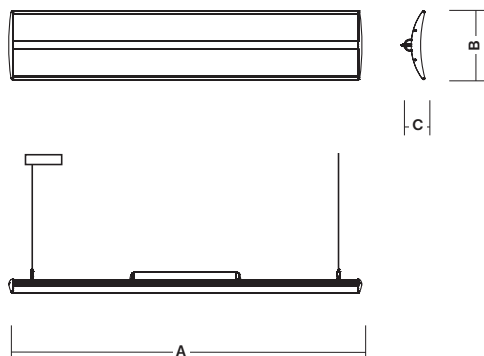
Type / Typ	A x B x C mm	Power	Light Source	CRI	Order Code	Weight
AVANTIS-CD2-DIM-DALI 8W	592 x 80 x 86 mm	230V AC	LED 3000K / 1120lm	typ 82	249-B-950-01-00	2,0 kg
AVANTIS-CD2-DIM-DALI 8W	592 x 80 x 86 mm	230V AC	LED 4000K / 1120lm	typ 82	249-B-951-01-00	2,0 kg
AVANTIS-CD2-DIM-DALI 13W	871 x 80 x 86 mm	230V AC	LED 3000K / 1680lm	typ 82	249-B-952-01-00	2,5 kg
AVANTIS-CD2-DIM-DALI 13W	871 x 80 x 86 mm	230V AC	LED 4000K / 1680lm	typ 82	249-B-953-01-00	2,5 kg
AVANTIS-CD2-DIM-DALI 18W	1150 x 80 x 86 mm	230V AC	LED 3000K / 2400lm	typ 82	249-B-954-01-00	3,0 kg
AVANTIS-CD2-DIM-DALI 18W	1150 x 80 x 86 mm	230V AC	LED 4000K / 2400lm	typ 82	249-B-955-01-00	3,0 kg
AVANTIS-CD2-DIM-DALI 23W	1428 x 80 x 86 mm	230V AC	LED 3000K / 3000lm	typ 82	249-B-956-01-00	3,5 kg
AVANTIS-CD2-DIM-DALI 23W	1428 x 80 x 86 mm	230V AC	LED 4000K / 3000lm	typ 82	249-B-957-01-00	3,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

## NEOLUX-LED



- Smart slim design suspended lighting fixture for all powerful, smooth and comfortable direct illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - microprismatic diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svietidlo pre výkonné, príjemné a komfortné priame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníky, obchodné priestory, banky, školy alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: prizmatický polykarbonátový profil PC



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prírodný elektrický kábel 0,8m dlhý

### OPTIONS

### PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## NEOLUX-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
NEOLUX LED/3000K	1382 x 270 x 82mm	90W	LED/ 3000K/ 10200 lm	typical 82	278-B-00	6,0 kg
NEOLUX LED/5000K	1382 x 270 x 82mm	90W	LED/ 5000K/ 11000 lm	typical 82	278-B-01	6,0 kg

## NEOLUX-LED DIM-DALI

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
NEOLUX-DIM-DALI LED/3000K	1382 x 270 x 82mm	90W	LED/ 3000K/ 10200 lm	typical 82	278-B-02	6,0 kg
NEOLUX-DIM-DALI LED/5000K	1382 x 270 x 82mm	90W	LED/ 5000K/ 11000 lm	typical 82	278-B-03	6,0 kg

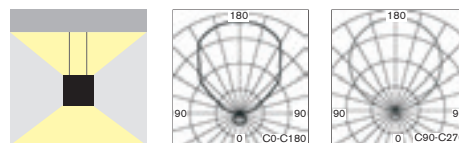
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



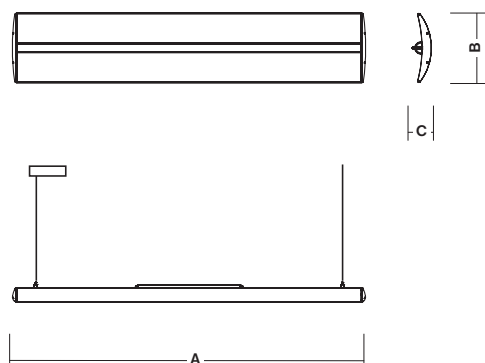
Workplace lighting application



## VARIOLUX-LED



- Smart slim design suspended lighting fixture for smooth and comfortable direct & indirect illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- It is possible to turn ON/OFF direct or indirect illumination together or separately (valid for non-dimmable versions). For all DALI versions direct+indirect is possible to turn ON/OFF only together
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
  - semi-opal milky colour diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svetidlo s kombináciou príjemného a komfortného priameho/nepriameho osvetlenia, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, hotely, výstavníka, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- pri všetkých nestmievateľných verziách je možné zapnúť / vypnúť priame alebo nepriame osvetlenie spoločne alebo samostatne. V prípade DALI verzií je to možné len súčasne.
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil
  - difúzor: poloopálový polykarbonátový profil PC



### STANDARD FEATURES

### STANDARDNÁ VÝBAVA

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

### OPTIONS

### PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## VARIOLUX-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
VARIOLUX LED/3000K	1382 x 270 x 64mm	2x90W	LED/ 3000K/ 2x10200 lm	typical 82	282-B-00	6,0 kg
VARIOLUX LED/5000K	1382 x 270 x 64mm	2x90W	LED/ 5000K/ 2x11000 lm	typical 82	282-B-01	6,0 kg

## VARIOLUX-LED DIM-DALI

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
VARIOLUX-DIM-DALI LED/3000K	1382 x 270 x 64mm	180W	LED/ 3000K/ 20400 lm	typical 82	282-B-06	6,0 kg
VARIOLUX-DIM-DALI LED/5000K	1382 x 270 x 64mm	180W	LED/ 5000K/ 22000 lm	typical 82	282-B-07	6,0 kg

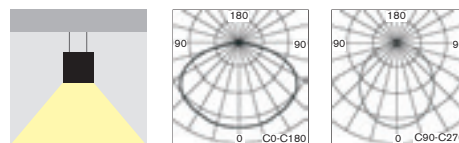
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

Typical office lighting application





# AIROLUX-LED



- Smart slim design suspended lighting fixture for powerful, smooth and comfortable direct illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
- elegantné štíhle stropné závesné svetidlo pre výkonné, príjemné a komfortné priame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil

## STANDARD FEATURES

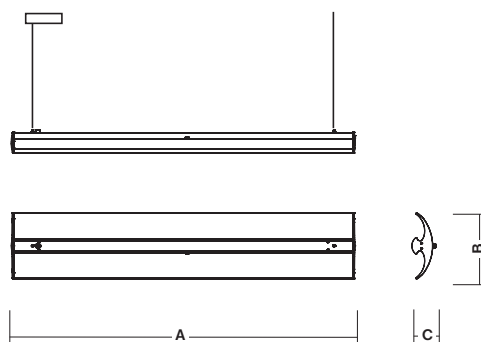
## ŠTANDARDNÁ VÝBAVA

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord
- MidPower LED 150lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

## OPTIONS

## PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)



## AIROLUX-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
AIROLUX LED/3000K	1364 x 260 x 80mm	90W	LED/ 3000K/ 10200 lm	typical 82	281-B-00	6,0 kg
AIROLUX LED/5000K	1364 x 260 x 80mm	90W	LED/ 5000K/ 11000 lm	typical 82	281-B-01	6,0 kg

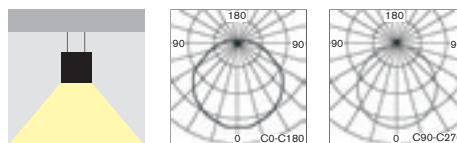
## AIROLUX-LED DIM-DALI

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
AIROLUX-DIM-DALI LED/3000K	1364 x 260 x 80mm	90W	LED/ 3000K/ 10200 lm	typical 82	281-B-02	6,0 kg
AIROLUX-DIM-DALI LED/5000K	1364 x 260 x 80mm	90W	LED/ 5000K/ 11000 lm	typical 82	281-B-03	6,0 kg

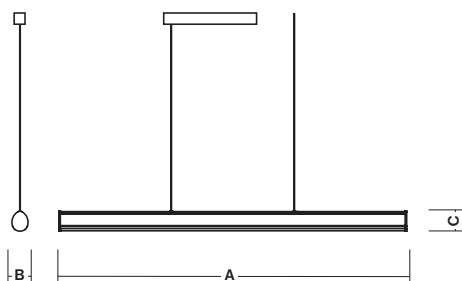
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)





**SMARTLUX-LED**

- Smart slim design suspended lighting fixture for all powerful, smooth, comfortable and energy saving direct illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - opal milky colour diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svetidlo pre výkonné, príjemné, komfortné a úsporné priame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníky, obchodné priestory, banky, školy, ale aj moderné obytné interiéry
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: opálový polykarbonátový profil PC

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM**
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlet
- 0.8m long cord
- **MidPower LED 150lm/W typu SAMSUNG alebo OSRAM**
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

**OPTIONS****PRÍPLATKY**

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

**SMARTLUX-LED**

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SMARTLUX LED/3000K	1357 x 63 x 78mm	90W	LED/ 3000K/ 10200 lm	typical 82	292-B-01	3,0 kg
SMARTLUX LED/5000K	1357 x 63 x 78mm	90W	LED/ 5000K/ 11000 lm	typical 82	292-B-02	3,0 kg

**SMARTLUX-LED DIM-DALI**

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SMARTLUX-DIM-DALI LED/3000K	1357 x 63 x 78mm	90W	LED/ 3000K/ 10200 lm	typical 82	292-B-03	3,0 kg
SMARTLUX-DIM-DALI LED/5000K	1357 x 63 x 78mm	90W	LED/ 5000K/ 11000 lm	typical 82	292-B-04	3,0 kg

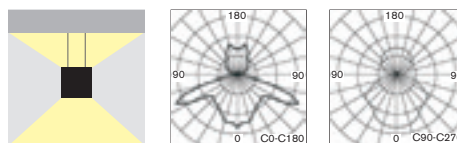
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



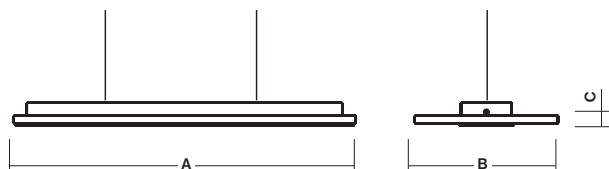
Reception desk lighting application



## THINLUX-A-LED



- Smart slim design suspended lighting fixture for all powerful, energy saving, smooth and comfortable direct/indirect illumination, equipped with HighPower 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - microprismatic diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svetidlo pre výkonné, úsporné, príjemné a komfortné pre priame/nepriame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníka, obchodné priestory, banky, školy, ale aj moderné obytné priestory...
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: prizmatický polykarbonátový profil PC



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- High Power LEDs 100-120lm/W made by OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord
- High-Power LED 100-120lm/W typu OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabíčky na strop
- číry prírodný elektrický kábel 0,8m dlhý

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## THINLUX-A-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
THINLUX-A 32xLED/3000K	610 x 260 x 38 mm	70W	32x LED/ 3000K/ 4300 lm	typical 82	172-B-20	3,0 kg
THINLUX-A 32xLED/5000K	610 x 260 x 38 mm	70W	32x LED/ 5000K/ 4300 lm	typical 82	172-B-21	3,0 kg
THINLUX-A 64xLED/3000K	1164 x 260 x 38 mm	140W	64x LED/ 3000K/ 8600 lm	typical 82	172-B-22	6,0 kg
THINLUX-A 64xLED/5000K	1164 x 260 x 38 mm	140W	64x LED/ 5000K/ 8600 lm	typical 82	172-B-23	6,0 kg
THINLUX-A-DIM-DALI 64xLED/3000K	1164 x 260 x 38 mm	140W	64x LED/ 3000K/ 8600 lm	typical 82	172-B-25	6,0 kg
THINLUX-A-DIM-DALI 64xLED/5000K	1164 x 260 x 38 mm	140W	64x LED/ 5000K/ 8600 lm	typical 82	172-B-27	6,0 kg

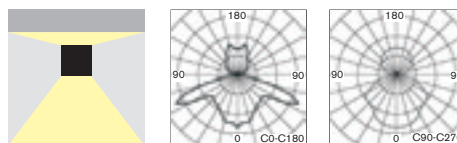
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

Typical workplace lighting application





## THINLUX-B-LED



- Smart slim design ceiling mounted lighting fixture for all powerful, energy saving, smooth and comfortable direct/indirect illumination, equipped with HighPower 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - microprismatic diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svietidlo pre výkonné, úsporné, príjemné a komfortné priame/nepriame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníky, obchodné priestory, banky, školy, ale aj moderné obytné priestory...
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: prizmatický polykarbonátový profil PC



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- High Power LEDs 100-120lm/W made by OSRAM
- LED electronic ballast
- High-Power LED 100-120lm/W typu OSRAM
- vybavené elektronickým predradníkom pre LED



### OPTIONS

### PRIPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## THINLUX-B-LED

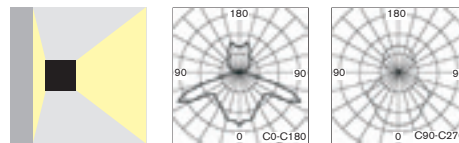
Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
THINLUX-B 32xLED/3000K	610 x 260 x 38 mm	70W	32x LED/ 3000K/ 4300lm	typical 82	172-B-28	3,0 kg
THINLUX-B 32xLED/5000K	610 x 260 x 38 mm	70W	32x LED/ 5000K/ 4300lm	typical 82	172-B-29	3,0 kg
THINLUX-B 64xLED/3000K	1164 x 260 x 38 mm	140W	64x LED/ 3000K/ 8600lm	typical 82	172-B-30	6,0 kg
THINLUX-B 64xLED/5000K	1164 x 260 x 38 mm	140W	64x LED/ 5000K/ 8600lm	typical 82	172-B-31	6,0 kg
THINLUX-B-DIM-DALI 64xLED/3000K	1164 x 260 x 38 mm	140W	64x LED/ 3000K/ 8600lm	typical 82	172-B-33	6,0 kg
THINLUX-B-DIM-DALI 64xLED/5000K	1164 x 260 x 38 mm	140W	64x LED/ 5000K/ 8600lm	typical 82	172-B-35	6,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

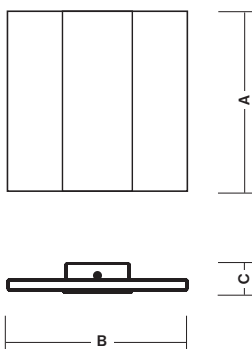
Meeting room application



## THINLUX-C-LED



- Smart slim design wall mounted lighting fixture for all powerful, energy saving, smooth and comfortable direct/indirect illumination, equipped with Highpower 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - microprismatic diffuser made of extruded impact resistant PC
- elegantné štíhle nástenné svetidlo pre výkonné, úsporné, príjemné a komfortné pre priame/nepriame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníky, obchodné priestory, banky, školy, ale aj moderné obytné priestory...
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: prizmatický polykarbonátový profil PC



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- High Power LEDs 100-120lm/W made by OSRAM
- LED electronic ballast
- Wall mounting bracket
- High-Power LED 100-120lm/W typu OSRAM
- vybavené elektronickým predradníkom pre LED
- nastenná montážna konzola

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## THINLUX-C-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
THINLUX-C 8xLED/5000K	310 x 310 x 41 mm	17W	8x LED/ 5000K/ 1500 lm	typical 82	172-B-12	2,0 kg
THINLUX-C 16xLED/3000K	310 x 310 x 41 mm	21W	16x LED/ 3000K/ 2200 lm	typical 82	172-B-38	2,0 kg
THINLUX-C 16xLED/5000K	310 x 310 x 41 mm	21W	16x LED/ 5000K/ 2350 lm	typical 82	172-B-39	2,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



Meeting room lighting application

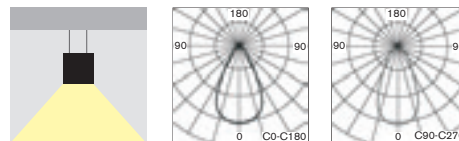


**LAMELUX-A /-B LED**

LAMELUX-A RAL9005



LAMELUX-A RAL9006



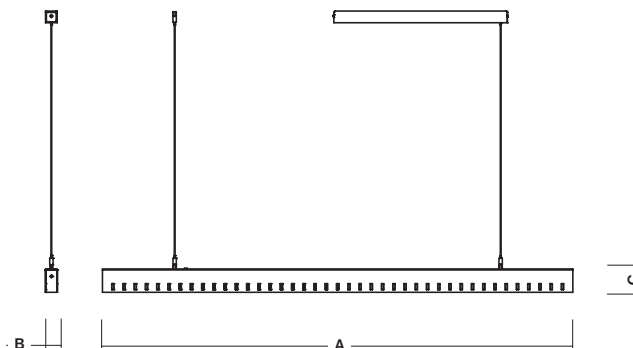
- Exquisite design suspended LED lighting fixture for smooth, comfortable and energy saving with combination of direct illumination and edge diffuse lighting through the diffuser lamels
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks, or even modern residential areas
- Modern high quality materials:
  - body made of aluminum sheet painted in RAL9005 (black) or RAL9006 (grey) (alternative surface treatment is possible upon agreement)
  - Acryl Satiné Diffuser
- elegantné stropné závesné LED svetidlo s kombináciou príjemného, komfortného a úsporného priameho osvetlenia a difúzneho osvetlenia cez hrany lamiel difúzora svetidla
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: hliníkový plech lakovaný v RAL9005 (čierna) alebo RAL9006 (šedá) (alternatívna farba svetidla je možná po dohode)
  - difúzor: acryl Satiné

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlet
- 0.8m long cord
- MidPower LEDs 150lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- čirý prívodný elektrický kábel 0,8m dlhý

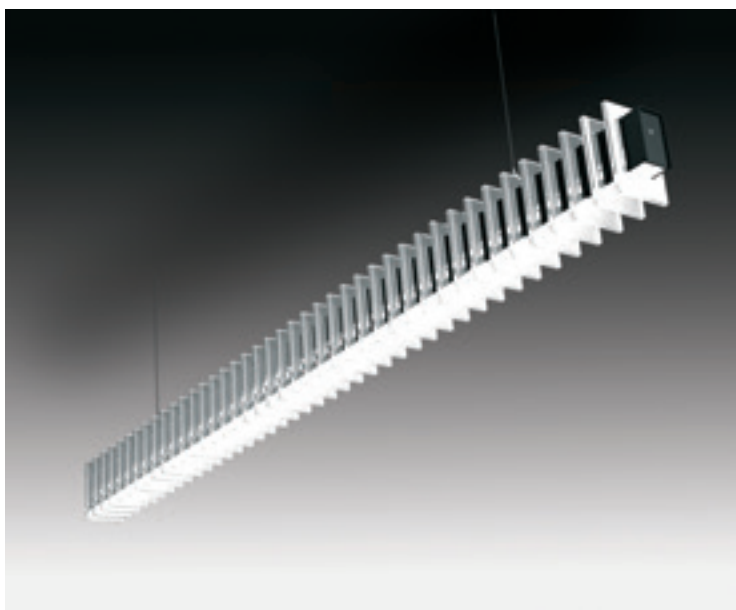
**OPTIONS****PRÍPLATKY**

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

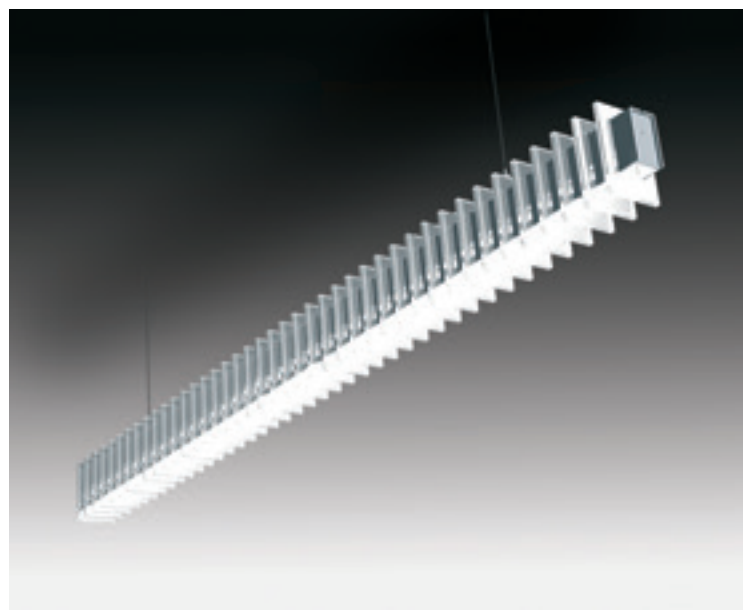
**LAMELUX-A LED**

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
LAMELUX-A LED/3000K RAL9005	1410 x 37 x 70mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-01-02	3,5 kg
LAMELUX-A LED/5000K RAL9005	1410 x 37 x 70mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-02-02	3,5 kg
LAMELUX-A LED/3000K RAL9006	1410 x 37 x 70mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-01-01	3,5 kg
LAMELUX-A LED/5000K RAL9006	1410 x 37 x 70mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-02-01	3,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

**LAMELUX-B LED**

LAMELUX-B RAL9005



LAMELUX-B RAL9005

**LAMELUX-B LED**

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
LAMELUX-B LED/3000K RAL9005	1410 x 70 x 105mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-100-02	3,5 kg
LAMELUX-B LED/5000K RAL9005	1410 x 70 x 105mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-101-02	3,5 kg
LAMELUX-B LED/3000K RAL9006	1410 x 70 x 105mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-100-01	3,5 kg
LAMELUX-B LED/5000K RAL9006	1410 x 70 x 105mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-101-01	3,5 kg



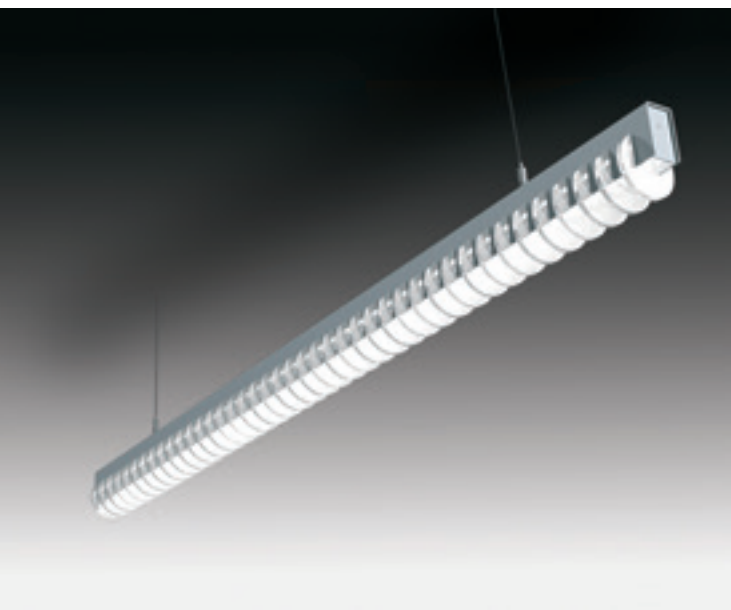
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



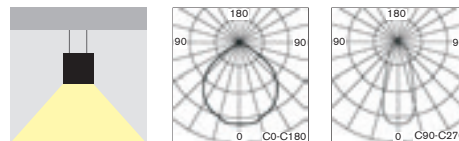
## LAMELUX-C /-D LED



LAMELUX-C RAL9005



LAMELUX-C RAL9006



- Exquisite design suspended LED lighting fixture for smooth, comfortable and energy saving with combination of direct illumination and edge diffuse lighting through the diffuser lamels
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks, or even modern residential areas
- Modern high quality materials:
  - body made of aluminum sheet painted in RAL9005 (black) or RAL9006 (grey) (alternative surface treatment is possible upon agreement)
  - Acryl Satiné Diffuser
- elegantné stropné závesné LED svetidlo s kombináciou príjemného, komfortného a úsporného priameho osvetlenia a difúzneho osvetlenia cez hrany lamiel difúzora svetidla
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: hliníkový plech lakovaný v RAL9005 (čierna) alebo RAL9006 (šedá) (alternatívna farba svetidla je možná po dohode)
  - difúzor: acryl Satiné

### STANDARD FEATURES

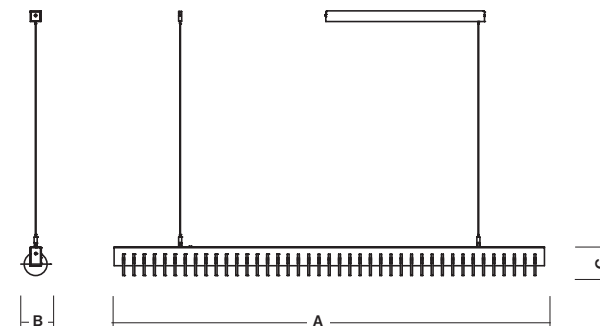
### STANDARDNÁ VÝBAVA

- MidPower LEDs 150lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlet
- 0.8m long cord
- MidPower LEDs 150lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)



## LAMELUX-C LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
LAMELUX-C LED/3000K RAL9005	1410 x 75 x 95mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-200-02	3,5 kg
LAMELUX-C LED/5000K RAL9005	1410 x 75 x 95mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-201-02	3,5 kg
LAMELUX-C LED/3000K RAL9006	1410 x 75 x 95mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-200-01	3,5 kg
LAMELUX-C LED/5000K RAL9006	1410 x 75 x 95mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-201-01	3,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

**LAMELUX-D LED**

LAMELUX-D RAL9005



LAMELUX-D RAL9006

**LAMELUX-D LED**

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
LAMELUX-D LED/3000K RAL9005	1410 x 70 x 105mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-300-02	3,5 kg
LAMELUX-D LED/5000K RAL9005	1410 x 70 x 105mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-301-02	3,5 kg
LAMELUX-D LED/3000K RAL9006	1410 x 70 x 105mm	60W	LED/ 3000K/ 6200lm	typical 82	297-B-300-01	3,5 kg
LAMELUX-D LED/5000K RAL9006	1410 x 70 x 105mm	60W	LED/ 5000K/ 6500lm	typical 82	297-B-301-01	3,5 kg

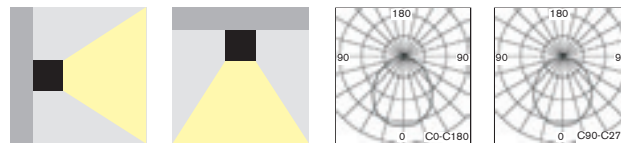
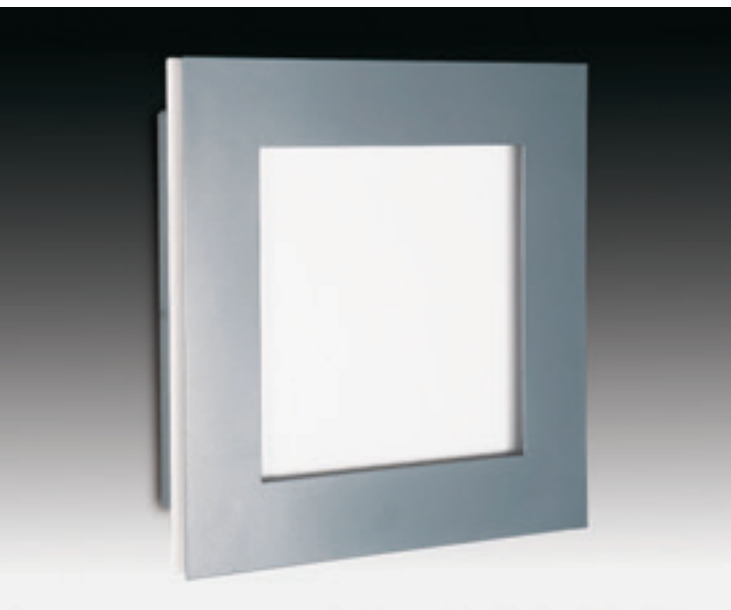


All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)







**MODULUX / MULTIMODULUX**

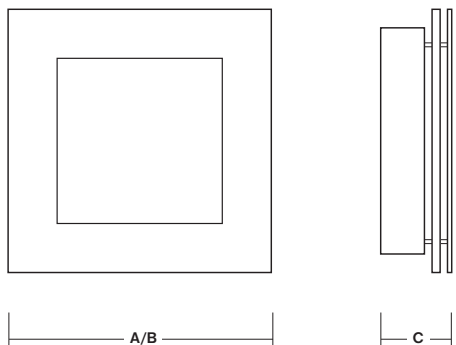
- Exquisite design wall or ceiling mounted lighting fixture for smooth, powerful and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of steel sheet painted in RAL9006
  - diffuser made of opal "milky" colour acrylic
- elegantné nástenné alebo stropné svietidlo s kombináciou príjemného, výkonného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: lakovaný ocelový plech RAL9006
  - difúzor: opálový PMMA

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **High Power LEDs 150lm/W made by either OSRAM or LUMILEDS** (not for 2x9W compact fluorescent tube version)
- **Emergency lighting units** (valid only for all MULTIMODULUX versions)
- Motion sensor only for all -PIR versions
- **High-Power LED 150lm/W typu OSRAM alebo LUMILEDS** (neplatí pre 2x9W verziu)
- **vybavené modulom núdzového osvetlenia** (platí pre MULTIMODULUX verzie)
- vybavené pohybovým senzorom (platí len pre all -PIR verzie)

**OPTIONS****PRÍPLATKY**

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

**MODULUX-A-EP 2x9W**

Type / Typ	A x B x C mm	Input Power:	Light Source	Ballast Type / Typ predradníka	Order Code	Weight
MODULUX-A-EP 2x9W	250 x 250 x 66 mm	25W	2x9W / 2G7	Electronic Ballast / EVG	94-B-11	1,0 kg

**MODULUX-A-LED**

Type / Typ	A x B x C mm	Input Power:	Light Source	Ballast Type / Typ predradníka	Order Code	Weight
MODULUX-A 16xLED/3000K	320 x 320 x 80 mm	30W	16xLED/3000K/2200lm	Electronic Ballast / EVG	94-B-200	2,7 kg
MODULUX-A 16xLED/5000K	320 x 320 x 80 mm	30W	16xLED/5000K/2200lm	Electronic Ballast / EVG	94-B-188	2,7 kg
MODULUX-A 25xLED/3000K	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	Electronic Ballast / EVG	94-B-204	3,5 kg
MODULUX-A 25xLED/6000K	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	Electronic Ballast / EVG	94-B-205	3,5 kg
MODULUX-A-PIR 25xLED/3000K	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	Electronic Ballast / EVG	94-B-206	3,6 kg
MODULUX-A-PIR 25xLED/6000K	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	Electronic Ballast / EVG	94-B-207	3,6 kg

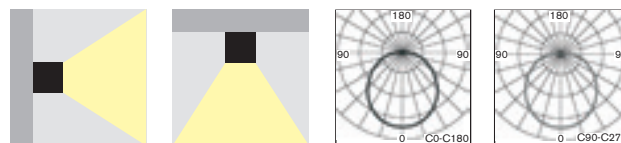
**MULTIMODULUX-A-LED**

Type / Typ	A x B x C mm	Input Power:	Light Source	Ballast Type / Typ predradníka	Order Code	Weight
MULTIMODULUX-A 25xLED/3000K/1h	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-210	3,8 kg
MULTIMODULUX-A 25xLED/6000K/1h	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-211	3,8 kg
MULTIMODULUX-A-PIR 25xLED/3000K/1h	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-208	3,9 kg
MULTIMODULUX-A-PIR 25xLED/6000K/1h	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-209	3,9 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)





**RADIUS / MULTIHILL**

- Round shaped wall or ceiling mounted lighting fixture for smooth, powerful and energy saving direct illumination equipped with HighPower LEDs
- Suitable for all corridors, stairacase, shops, outdoor areas,...
- **Emergency lighting version available in the same design - type MULTIHILL** (for more detailed information please refer to page No. 318)
- Body made of polycarbonate
- elegantné nástenné alebo stropné svetidlo s kombináciou príjemného, výkonného a úsporného priameho osvetlenia, vybavené HighPower LEDs
- **svetidlo sa vyrába aj ako núdzové v rovnakom dizajne - typ MULTIHILL** (pre detailnejšie informácie pozri aj str.318)
- vhodné pre použitie pre chodby, režijné miestnosti, schodiská, prístrešky, WC
- teleso: polykarbonát PC

**STANDARD ACCESSORIES****ŠTANDARDNÁ VÝBAVA**

- High Power LEDs 120-150lm/W made by either OSRAM or LUMILEDS
- LED electronic ballast
- High-Power LED 120-150m/W typu OSRAM or LUMILEDS
- vybavené elektronickým predradníkom pre LED

**OPTIONS****PRIPLATKY**

- Alternative LED light colour is possible (min.order quantity 100pcs)
- alternativna LED farba svetla podľa špecifikácie (min. 100ks)

**RADIUS**

Type / Typ	A x B x C mm	Power:	Light Source	Ballast Type / Typ predradníka	Order Code	Weight
RADIUS 5xLED/3000K	340 x 115 mm	230V AC/DC	5x3W LED/3000K	Electronic Ballast / EVG	45-B-13	1,0 kg
RADIUS 5xLED/6000K	340 x 115 mm	230V AC/DC	5x3W LED/6000K	Electronic Ballast / EVG	45-B-14	1,0 kg
RADIUS 10xLED/3000K	340 x 115 mm	230V AC/DC	10x3W LED/3000K	Electronic Ballast / EVG	45-B-15	1,01 kg
RADIUS 10xLED/6000K	340 x 115 mm	230V AC/DC	10x3W LED/6000K	Electronic Ballast / EVG	45-B-12	1,1 kg
RADIUS E27/max60W	340 x 115 mm	230V AC/DC	E27 / max 60W	-	45-B-10	0,6 kg
RADIUS 7xLED/3500K	340 x 115 mm	110V DC	7x3W LED/3500K	Electronic Ballast / EVG	261-B-13-01	0,6 kg

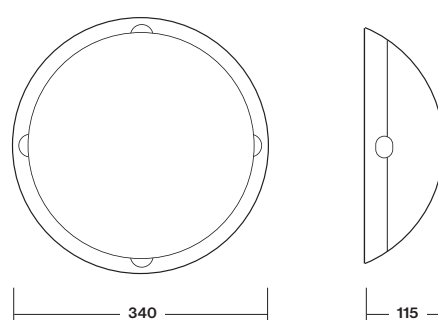


Page No.162

**Emergency lighting version - AUTOTEST MULTIHILL**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 6000K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-01	1,7 kg
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 3500K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-03	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 6000K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-12-01	1,9 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



## SOLIDLUX LED



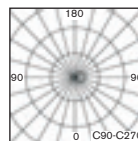
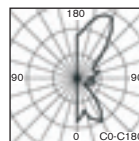
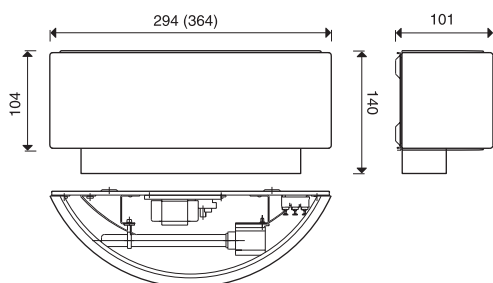
Gold / zlatá



Silver / Strieborná



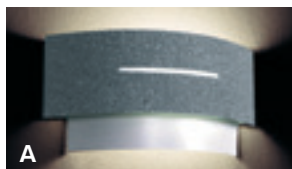
RAL9003



- Exquisite wall mounting lighting fixture **SOLIDLUX** for modern interiors of present days such as offices, banks, apartments and even churches
- Modern high quality material, unique colour combination
- Metal Body with surface treatment
- Available in two shape versions:
  - A: front shield with a rift:
  - B: full front shield
- Available in two sizes:
  - S1: size 294x140x101mm
  - S2: size 364x140x101mm
- Available in four surface treatments:
  - RAL9003 white matt
  - Gold
  - Silver
  - Light Granit (resambling granit stone structure)

- elegantné nástenné svietidlo **SOLIDLUX** pre moderné interiéry súčasnosti ako banky, úrady, byty, ale aj kostoly a pod.
- vysokokvalitné materiály v príjemnej farebnej kombinácii
- kovové teleso povrchovo upravené
- dve tvarové verzie:
  - A: s priezorom v tienidle,
  - B: plné tienidlo, bez priezoru
- dve veľkosti:
  - S1: size 294x140x101mm
  - S2: size 364x140x101mm
- štyri varianty povrchovej úpravy:
  - biela matná RAL9003
  - zlatá
  - strieborná
  - svetlý granit, štruktúrovaná, matná (imitácia kameňa granit)

### Shape Code / Kód tvaru:



Granit

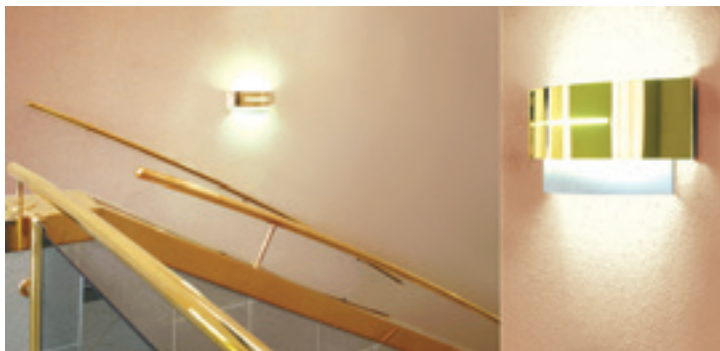
### OPTIONS

### PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

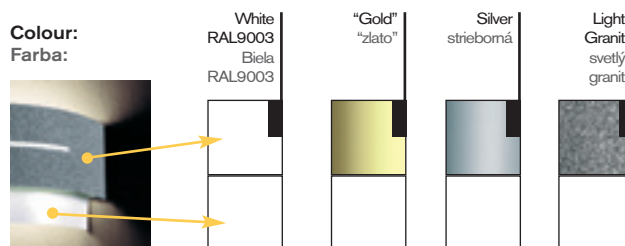






Surface Mounted Luminaires for indirect illumination

## SOLIDLUX LED



### SOLIDLUX-A-S1

Type / Typ	Colour / Farba	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SOLIDLUX-A-S1 LED/3000K	White / Biela RAL9003	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-200-01-00	0,6 kg
SOLIDLUX-A-S1 LED/4000K	White / Biela RAL9003	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-200-02-00	0,6 kg
SOLIDLUX-A-S1 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-201-01-00	0,6 kg
SOLIDLUX-A-S1 LED/3000K	Gold / zlatá	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-200-03-00	0,6 kg
SOLIDLUX-A-S1 LED/4000K	Gold / zlatá	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-200-04-00	0,6 kg
SOLIDLUX-A-S1 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-201-02-00	0,6 kg
SOLIDLUX-A-S1 LED/3000K	Silver / strieborná	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-200-05-00	0,6 kg
SOLIDLUX-A-S1 LED/4000K	Silver / strieborná	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-200-06-00	0,6 kg
SOLIDLUX-A-S1 E27	Silver / strieborná	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-201-03-00	0,6 kg

### SOLIDLUX-B-S1

Type / Typ	Colour / Farba	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SOLIDLUX-B-S1 LED/3000K	White / Biela RAL9003	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-202-01-00	0,6 kg
SOLIDLUX-B-S1 LED/4000K	White / Biela RAL9003	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-202-02-00	0,6 kg
SOLIDLUX-B-S1 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-203-01-00	0,6 kg
SOLIDLUX-B-S1 LED/3000K	Gold / zlatá	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-202-03-00	0,6 kg
SOLIDLUX-B-S1 LED/4000K	Gold / zlatá	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-202-04-00	0,6 kg
SOLIDLUX-B-S1 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-203-02-00	0,6 kg
SOLIDLUX-B-S1 LED/3000K	Silver / strieborná	294x140x101mm	10W	COB LED/ 3000K	typical 82	23-B-202-05-00	0,6 kg
SOLIDLUX-B-S1 LED/4000K	Silver / strieborná	294x140x101mm	10W	COB LED/ 4000K	typical 82	23-B-202-06-00	0,6 kg
SOLIDLUX-B-S1 E27	Silver / strieborná	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-203-03-00	0,6 kg

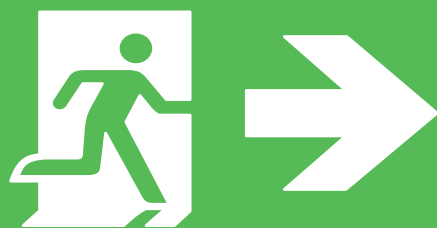
### SOLIDLUX-A-S2

Type / Typ	Colour / Farba	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SOLIDLUX-A-S2 LED/3000K	White / Biela RAL9003	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-204-01-00	1,0 kg
SOLIDLUX-A-S2 LED/4000K	White / Biela RAL9003	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-204-02-00	1,0 kg
SOLIDLUX-A-S2 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-205-01-00	1,0 kg
SOLIDLUX-A-S2 LED/3000K	Gold / zlatá	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-204-03-00	1,0 kg
SOLIDLUX-A-S2 LED/4000K	Gold / zlatá	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-204-04-00	1,0 kg
SOLIDLUX-A-S2 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-205-02-00	1,0 kg
SOLIDLUX-A-S2 LED/3000K	Silver / strieborná	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-204-05-00	1,0 kg
SOLIDLUX-A-S2 LED/4000K	Silver / strieborná	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-204-06-00	1,0 kg
SOLIDLUX-A-S2 E27	Silver / strieborná	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-205-03-00	1,0 kg

### SOLIDLUX-B-S2

Type / Typ	Colour / Farba	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
SOLIDLUX-B-S2 LED/3000K	White / Biela RAL9003	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-206-01-00	1,0 kg
SOLIDLUX-B-S2 LED/4000K	White / Biela RAL9003	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-206-02-00	1,0 kg
SOLIDLUX-B-S2 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-207-01-00	1,0 kg
SOLIDLUX-B-S2 LED/3000K	Gold / zlatá	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-206-03-00	1,0 kg
SOLIDLUX-B-S2 LED/4000K	Gold / zlatá	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-206-04-00	1,0 kg
SOLIDLUX-B-S2 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-207-02-00	1,0 kg
SOLIDLUX-B-S2 LED/3000K	Light granit / svetlý granit	294x140x101mm	2x10W	COB LED/ 3000K	typical 82	23-B-206-05-00	1,0 kg
SOLIDLUX-B-S2 LED/4000K	Light granit / svetlý granit	294x140x101mm	2x10W	COB LED/ 4000K	typical 82	23-B-206-06-00	1,0 kg
SOLIDLUX-B-S2 E27	Light granit / svetlý granit	294x140x101mm	max 60W	E27 ready for LED bulb	-	23-B-207-03-00	1,0 kg

Product  
**Assortment**



# EMERGENCY LIGHTING

## NÚDZOVÉ SVIETIDLÁ

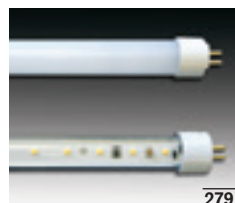
**PREMIUM** Line

Page No: 127-277

**STANDARD** Line

Page No: 278-335

## EMERGENCY LIGHTING



279



166



174



182



182



190



196



198



198



198



204



208



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208



214



222



222



222



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248



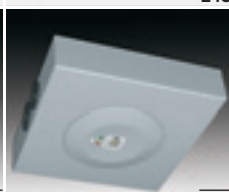
258



254



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272



272



275



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286



286



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294



300



306



310



312



318



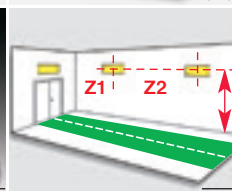
320



322



324



328



# EMERGENCY LIGHTING

## -NM -NM AT

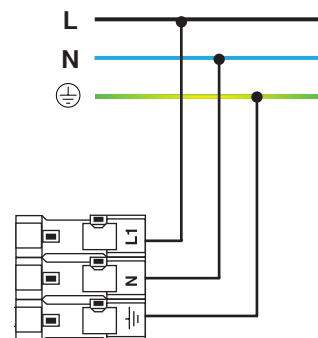
versions:

**Non-maintained emergency lighting fixtures (NM)** are in operation only when the power supply is broken.

All AT versions can be connected also as M (read below).

Svietidlo pre **netrvalé núdzové osvetlenie (NM)** je v prevádzke iba pri prerušenej dodávke elektrickej energie (núdzový režim).

Všetky AT verzie svietidiel môžu byť pripojené aj ako M verzie (viď obr.nižšie).



## -M -NM/M AT

versions:

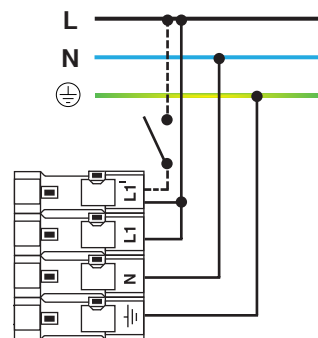
**Maintained emergency lighting fixtures (NM/M)** include the function of non-maintained and permanent lighting.

If you connect it through the external switch, you can control its functionality (ON/OFF state) during permanent mode. The emergency mode is not influenced by the position of switch before main 230V AC failure. Or by the bridge between L1 and L1' you make it lighting non-stop. In case of emergency it operates during declared duration.

Svietidlo pre **trvalé núdzové osvetlenie (NM/M)** pracuje v dvoch režimoch. Prevádzkový režim je pri neprerušenom napájacom napätí, kedy je možné ho ovládať vypínačom a používať ho na bežné osvetlenie (pre pripojenie svietidla na trvalé núdzové osvetlenie je potrebné priviesť dve fázy: prerušovanú cez vypínač na ovládanie svietidla a neprerušovanú pre zabezpečenie stáleho pripojenia svietidla k sieti) alebo prepojením L1 a L1' svietidlo bude trvalo svietiť bez možnosti ovládania.

Druhý režim je pri prerušenej dodávke elektrickej energie a svietidlo automaticky prechádza do núdzového režimu.

Každé svietidlo v M verzii sa dá pripojiť aj ako NM verzia (viď vyššie).



## -ATXL

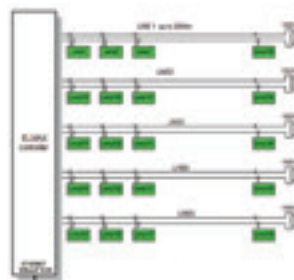
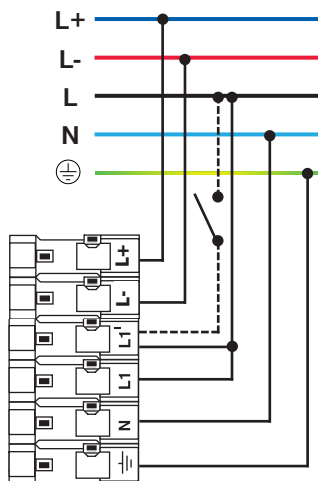
versions:

All ATXL fixtures are designed for **CENTRALTEST ELMAX LOOK System** (For further details please look up Pages No.166).

The status of ATXL fixture status is regularly checked by CENTRALTEST ELMAX-Look Mini device. The communication is ensured by bi-wire line (L+,L-). All **ATXL emergency lighting fixtures** include all the function of NM / M / AT versions (look up also page No.162).

Svietidlo **ATXL** je určené pre pripojenie k **CENTRALTEST ELMAX-LOOK** Mini systému (viď str.166), ktorý pravidelne kontroluje stav všetkých svietidiel pripojených komunikačnou dvojlinkou L+, L-.

Svietidlo ATXL zahŕňa všetky funkcie svietidiel NM / M / AT (pozri str.162)



# EMERGENCY LIGHTING

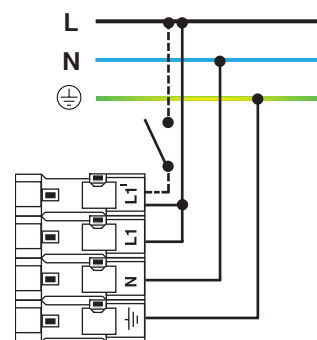
## -ATZB

versions:  
IQRF



All ATZB lighting fixtures are designed for wireless **CENTRALTEST ELMAX-ATZB WireLess System** (For further details please look up Pages No. 168). The status of ATZB fixture status is regularly checked by CENTRALTEST device. The communication is wireless. It takes place in the 868MHz band. All ATZB emergency lighting fixtures include all the function of NM / M / AT versions (read also next page please)

Svietidlo ATZB je určené pre pripojenie k **bezdrôtovému CENTRALTEST ELMAX-ATZB WireLess** systému (viď str.168), ktorý pravidelne kontroluje stav všetkých svietidiel bezdrôtovo v pásme **868MHz**. Svetidlo ATZB zahŕňa všetky funkcie svietidiel NM / M / AT (pozri tiež nasledujúcu stranu).

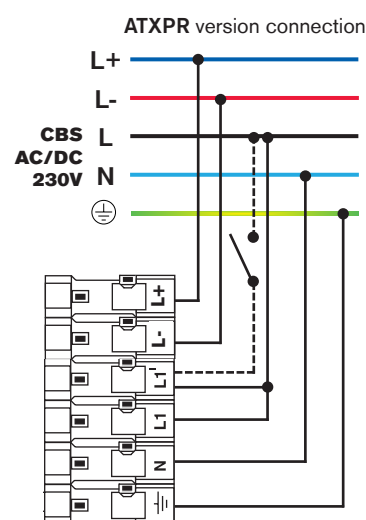
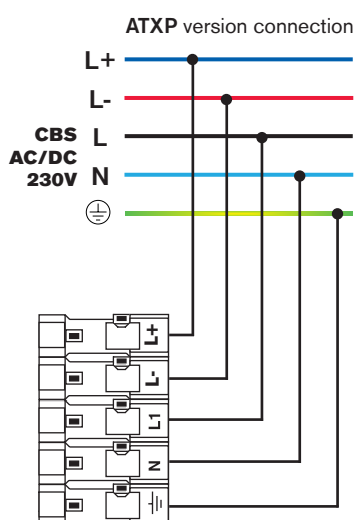


## -ATXP -ATXPR

versions:  
(Addressable CBS)

All ATXP/ATXPR lighting fixtures are designed for **addressable central battery system 230V AC/DC (CBS)**. The communication with **ELMAX-PATROLUX** Centraltest device is ensured by bi-wire line (L+,L-). Each emergency lighting fixture -ATXP/-ATXPR is equipped with addressable communication module. For further details please look up Page No.170

Všetky ATXP/ATXPR svietidlá sú určené pre **adresovateľný centrálny batériový systém (CBS) AC/DC 230V ELMAX-PATROLUX**, ktorý pravidelne kontroluje stav všetkých svietidiel pripojených komunikačnou dvojlinkou L+, L-. Svietidlá sú napájané z centrálného batériového systému. Pre viac informácií pozri str. 170

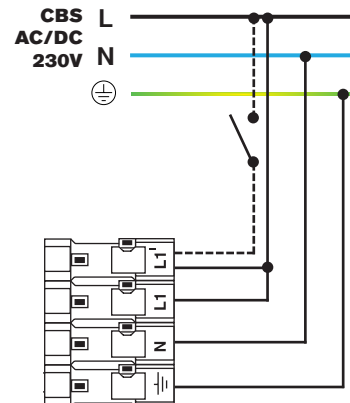


## -ATXPL

versions:  
(Addressable CBS)

All ATXPL emergency lighting fixtures are designed for **addressable central battery system 230V AC/DC (CBS)**. The communication with **ELMAX-PATROLUX Powerline** Centraltest device is via powerline, no additional communication wiring is needed. Each emergency lighting fixture -ATXPL is equipped with addressable communication module. (Not available sooner than winter 2018)

Všetky ATXPL svietidlá sú určené pre **adresovateľný centrálny batériový systém (CBS) AC/DC 230V ELMAX-PATROLUX Powerline**, ktorý pravidelne kontroluje stav všetkých svietidiel komunikáciou po silových vodičoch, t.j. žiadne dodatočné komunikačné vodiče nie sú potrebné. Svietidlá sú napájané z centrálného batériového systému. (nedostupné do zimy 2018)

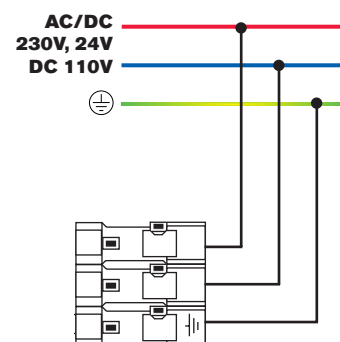


## C.xxx

versions:  
(CBS EPS)

The emergency lighting fixtures for central power supply AC/DC 24V, DC 24V, DC 48V or DC110V are connected to special wires powered from central power supply, either DC or AC/DC circuit. The emergency lighting for non-addressable central battery system AC/DC 230V are connected to the mains with no further requirements for additional wires. For further details please look up Page No.174.

Svietidlá pre centrálné napájané núdzové systémy (C) sa pripájajú na zvláštne rozvody AC/DC 24V, DC 12V, DC24V, DC 48V, DC110V. V tomto prípade sú prípojné svorky označené polaritou +/- . Svietidlá pre neadresovateľné centrálné batériové systémy AC/DC 230V sa pripájajú na bežné rozvody 230V/50Hz bez potreby privedenia ďalších vodičov. Pre viac informácií pozrite str.174





## AT ATXL ATZB versions:

### Advantages of a self-contained AUTOTEST emergency luminaires

Similarly, like each other system or equipment, also emergency lights as the part of safety related system require regular checking of their status. In case of emergency lights without the test this activity has to be carried out by a worker responsible for safety related system, what requires spending certain effort and costs. This necessity may be omitted at using emergency lights of **SEC with the AUTOTEST**. Emergency electronic unit controlled by **RISC microcomputer** controls, monitors, analyses and optimises all the main activities and components of the emergency light. These are: optimal charging the battery, operation of the electronic ballast, proper performance of LED including stabilisation of the luminous flux during emergency mode.

**Regularly twice a week** it diagnoses the functionality of the battery, LEDs and electronic circuits by means of simulating a power failure for short time. Testing the status of components (especially battery's capacity) and light's functions is performed once per **4380 hours** and for the time period that equals to the declared autonomy of the light in case of a power failure. During the test the microcomputer compares measured values with the references saved in its memory. In case they do not equal, the communication system (combination of three colour LEDs) ensures signalling a pre-failure or failure status of the light. Thus a user is regularly informed on the status of each emergency light without any bigger effort and costs. To install emergency lights with AUTOTEST no further installation of cable distributions is required.

The superstructure of AUTOTEST function is formed by **CENTRALTEST systems ELMAX**, that is intended to give central information about failures in monitored group of fixtures (for further details look up pages No.162-173).

### Výhody samostatného núdzového svetidla s funkciou AUTOTEST

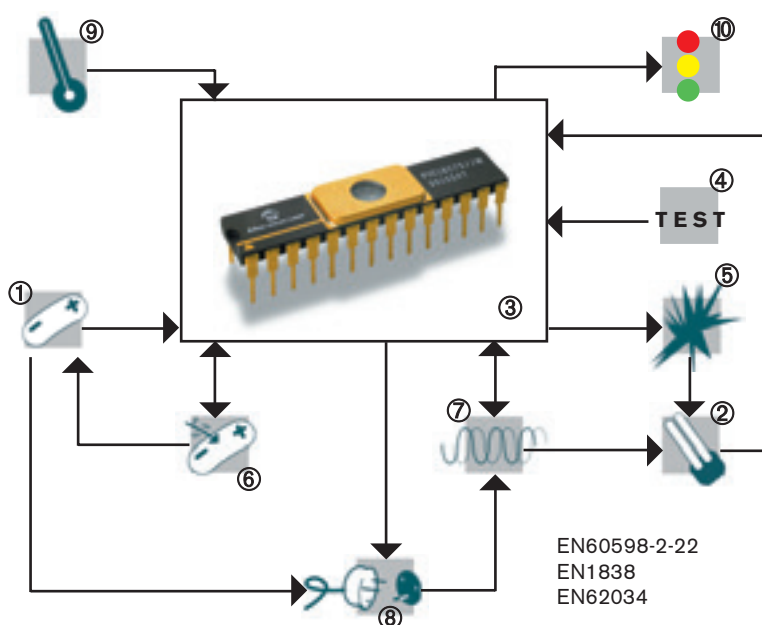
Ako každý iný systém alebo zariadenie, aj núdzové svetidlá ako súčasť bezpečnostného systému, vyžadujú pravidelnú kontrolu ich stavu. Táto činnosť musí byť pri núdzových svetidlách bez testu vykonávaná pracovníkom zodpovedným za bezpečnostný systém, čo vyžaduje vynaloženie určitej námahy a nákladov. Táto potreba odpadá pri použití núdzových svetidiel SEC s **AUTO-TESTom**.

Elektronická jednotka núdzového svetidla **riadená mikropočítačom s architektúrou RISC** s presnosťou počítača **riadi, monitoruje, analyzuje a optimalizuje** všetky hlavné činnosti a komponenty núdzového svetidla a to: **optimálne nabíjanie akumulátora, činnosť elektronického predradníka, funkčnosť a stabilizáciu svetelného toku LED**. Pravidelne **2-krát/týždeň** diagnostikuje funkčnosť akumulátora, LED a elektronických obvodov krátkou simuláciou výpadku elektrickej energie (**krátky test**). Test stavu komponentov (najmä kapacity akumulátora) a funkcií svetidla je uskutočňovaný raz za cca.**4380 hodín (2-krát/rok)** a to v časovom úseku, ktorý sa rovná deklarovanej autonómnosti svetidla pri výpadku elektrickej energie. Počas testu sú mikropočítačom porovnávané namerané hodnoty voči referenčným, ktoré sú uložené v jeho pamäti (**komplexný test**).

V prípade, že sa nerovnajú, monitor stavu (kombinácia troch farebných LED) zabezpečí signalizáciu odporúčového alebo poruchového stavu svetidla. Užívateľ je takto bez väčšej námahy a nákladov pravidelne informovaný o stave každého núdzového svetidla. Pre inštaláciu núdzových svetidiel s AUTO-TESTom nie je potrebná žiadna ďalšia inštalácia káblových rozvodov.

Nadstavbu funkcie AUTO-TEST tvorí **CENTRALTEST** pre centrálnu informáciu o poruche v sledovanej skupine svetidiel (systémy ELMAX pozri str. 162-173).





- ①- Battery
- ②- Fluorescent tube
- ③- Microcomputer
- ④- TEST button
- ⑤- Electronic ignitor
- ⑥- Charging circuits
- ⑦- Electronic ballast
- ⑧- Battery disconnect
- ⑨- Temperature sensor
- ⑩- Status monitor 3x LED

- ①- akumulátor
- ②- žiarivka
- ③- mikropočítač
- ④- TEST tlačítko
- ⑤- elektronický zapalovač
- ⑥- nabíjacie obvody
- ⑦- striedač
- ⑧- odpojovač akumulátora
- ⑨- snímač teploty
- ⑩- monitor stavu

EN60598-2-22  
EN1838  
EN62034

<b>OK STATUS:</b> NORMÁLNY STAV- OK:	
<b>INSTALLATION MODE *:</b> *valid only for PREMIUM LINE fixtures SVIETIDLO V INŠTALAČNOM MÓDE *: *platí len pre svietidlá PREMIUM LINE	
<b>LIGHT SOURCE FAILURE:</b> PORUCHA SVETELNÉHO ZDROJA:	
<b>LOW CAPACITY BATTERY FAILURE:</b> NÍZKA KAPACITA AKUMULÁTORA:	
<b>AUTOTEST IN PROGRESS:</b> SVIETIDLO V AUTOTESTE:	
<b>SLEEP MODE *:</b> *valid only for PREMIUM LINE fixtures SLEEP MODE *: *platí len pre svietidlá PREMIUM LINE	

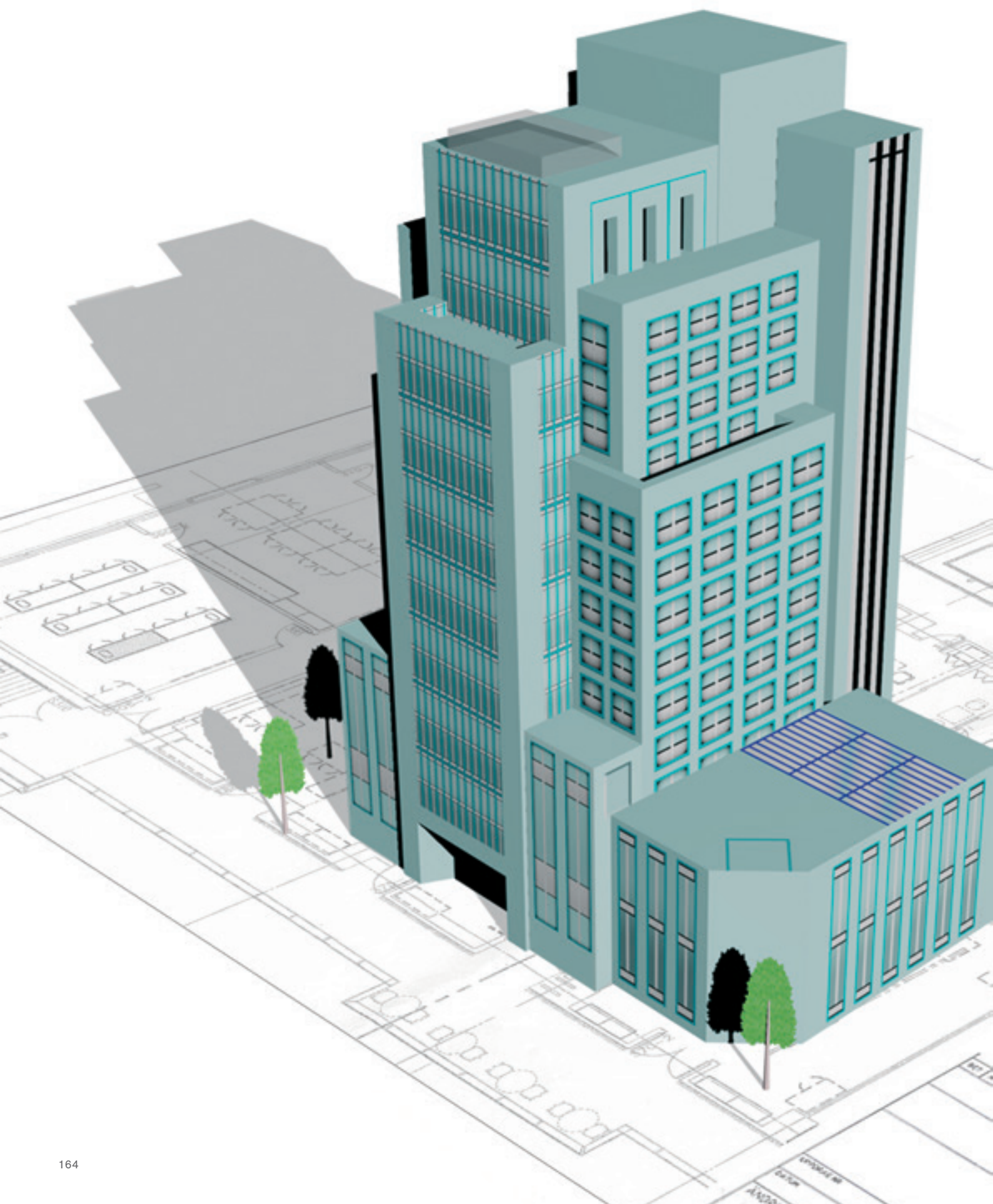
#### STATUS MONITOR Description

All key informations describing the emergency lighting fixture status are displayed on STATUS MONITOR. It consists of three colour LEDs (green, yellow, red). Thanks to the ON/OFF combination of the colour LEDs is the end user regularly informed about the emergency lighting fixture failures. It saves you additional costs and time necessary for regular emergency lighting system checking.

#### Popis monitoru stavu

Všetke dôležité informácie spracované mikroprocesorom sú signalizované na monitore stavu. Monitor stavu pozostáva z 3 farebných LED umiestnených na núdzovom svietidle. Kombináciou týchto 3 farieb je užívateľ informovaný o všetkých odporúčových alebo poruchových stavoch svietidla. Vďaka tomu je užívateľ takto bez väčšej námahy a nákladov s tým spojených, pravidelne informovaný o stave každého núdzového svietidla.

# CENTRALTEST



Ak riešite projekt, kde je požadovaný **CENTRALTEST** núdzový systém, tak môžete s výhodou použiť **ELMAX Centraltest**, ktorý zbiera a riadi všetky individuálne **adresovateľné núdzové svietidlá** v budove z jedného centrálného bodu. ELMAX má svoju IP adresu, ktorá umožňuje jeho pripojenie **do siete internet** a tým diagnostiku núdzového systému online z ktoréhokolvek miesta na zemi.



## ELMAX-LOOK-Mini ATXL

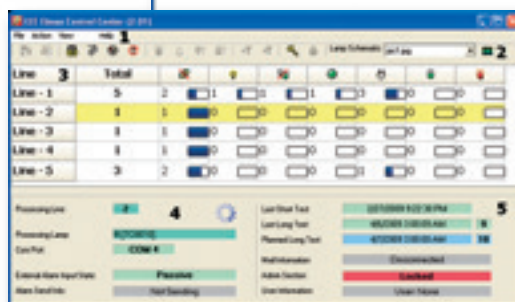
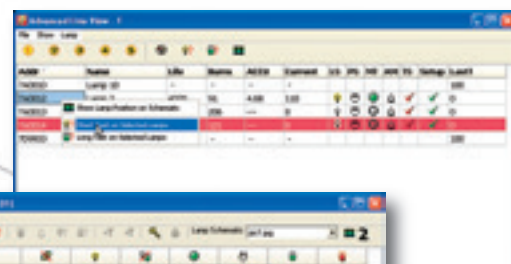
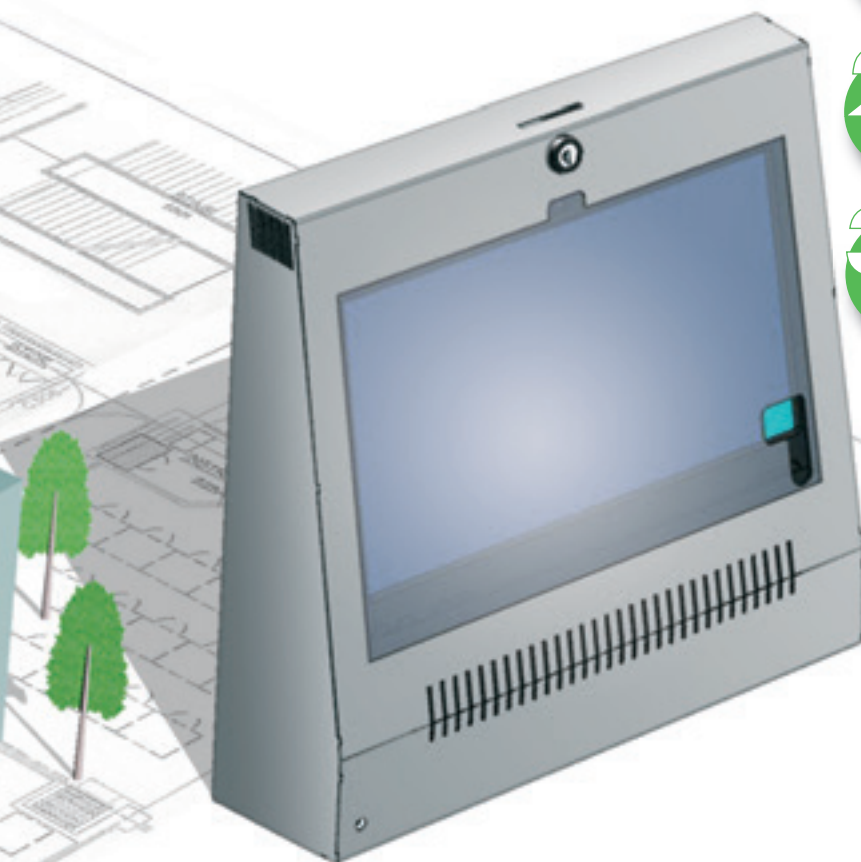
- Wire based communication
- komunikácia po dvojlinke

## ELMAX-WireLess-Mini ATZB

- Wireless communication
- bezdrôtová komunikácia

## ELMAX-Patrolux-Mini ATXP

- Addressable CBSwite CENTRALTEST
- Adresovateľná CBS s CENTRALTESTom



## Central Battery System (CBS)

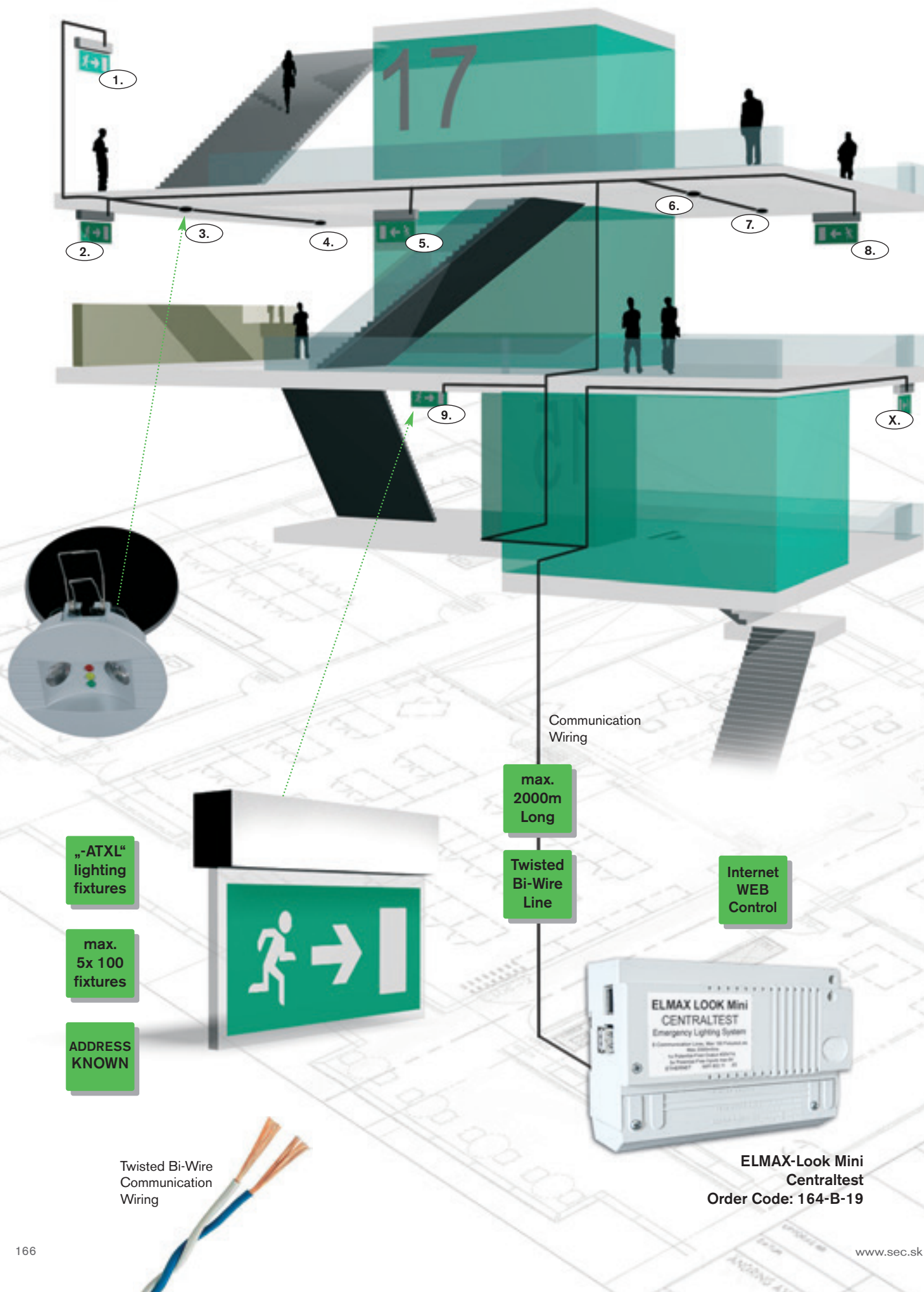
- Non-Addressable
- okruhový centrálny batériový systém





## ELMAX-LOOK Mini Centraltest

- Wire based Communication
- komunikácia po dvojlinke



### ELMAX-Look MINI

It is low cost solution CENTRALTEST device suitable especially for smaller projects. There is no display in this version, so it must be connected to INTERNET (Ethernet) to be able to operate it through standard web browser on remote PC.

#### Common features:

- The DIN rail mounting box, dimensions: 150 x 100 x 70mm
- Powered from AC 80..250V
- Built-in LINUX based operating system, with no additional licence fees
- ARMV6 processor unit
- Ethernet 10/100 standard RJ45 connector and DHCP client
- 2x USB type A input for additional devices: USB stick, dongles
- Optional WiFi 802.11 dongle available
- Optional 3G / 4G GSM dongle available
- Built-in WEB server as common GUI interface, in other words user can visit and control system over the INTERNET/Ethernet using standard WEB browser such as FireFox, IE, Opera, Chrome on a PC, tablet, Smartphone
- Email client for sending Email ALARMS or Notifications for service company or facility manager
- FTP client for collecting all information to two independent FTP servers
- 3x potential-free input for Fire Alarm, switching the Night Shining on and switching the Power Saving on.
- 1x output contact for messaging the Failure of fixtures or other malfunctions.
- Dedicated for fixtures series shown further in the catalogue as "-ATXL"
- 5x industrial RS485 line terminals, 1 line supports up to 100 fixtures
- Communication line length up to 2000m

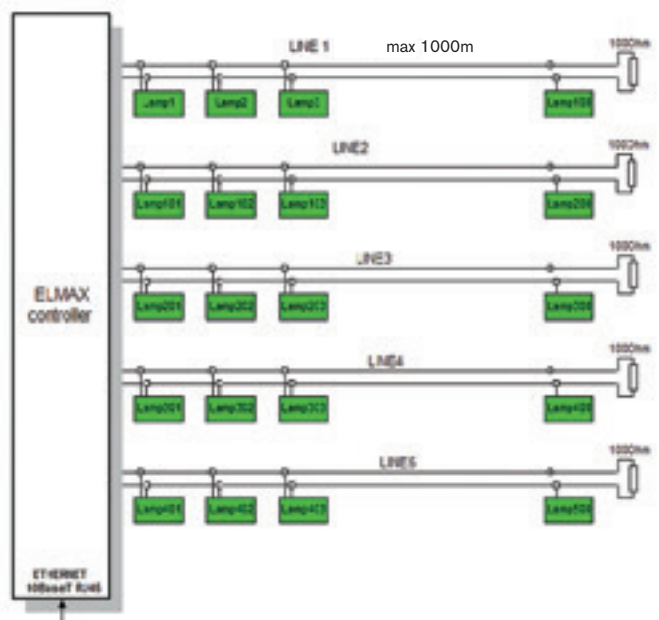
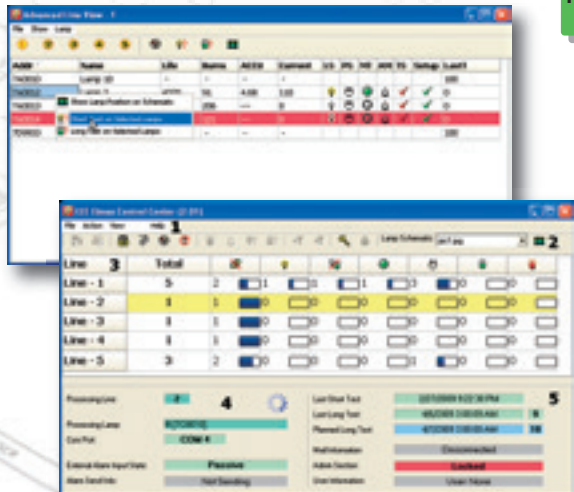
### ELMAX-Look MINI

Jedná sa o cenovo úsporný **CENTRALTEST** riadiaci panel, ktorý je určený pre monitoring núdzových svetidiel najmä v menších objektoch. Riadiaca jednotka nemá displej, takže je nutné pripojenie na INTERNET (Ethernet).

#### Technická špecifikácia:

- Skrinka určená pre montáž na DIN lištu, rozmery: 150 x 100 x 70mm
- Napájanie AC 80..250V
- Zabudovaný operačný systém LINUX, nevyžadujú sa ďalšie licenčné poplatky
- ARMV6 procesor
- Ethernet 10/100 RJ45 konektor a DHCP klient
- 2x USB-A vstup pre pripojenie ďalších USB zariadení ako napr.:
  - príplatkový WiFi 802.11 USB modul
  - príplatkový 3G / 4G GSM USB modul
- Zabudovaný WEB server ako hlavné grafické rozhranie. Užívateľ môže jednoducho komunikovať cez INTERNET/Ethernet prostredníctvom prehliadača IE, CHROME, FireFox. Môže použiť PC, tablet, smart telefón
- Email klient pre odosielanie Email Alarmov / stav systému
- FTP klient pre odosielanie nazbieraných údajov zo systému
- 3x bezpotenciálový vstup pre požiarne alarm, zapnúť nočné svietenie alebo zapnúť úsporný režim.
- 1x výstupný kontakt ako spoločné hlásenie o chybe systému
- Určený pre svetidlá označené ďalej v katalógu ako "-ATXL"
- 5x RS485 vstupy, línia podporuje max. 100ks svetidiel
- Maximálna dĺžka línie do 2000m

TEST  
REPORT



ELMAX-Look Mini Centraltest  
Order Code: 164-B-19

#### ELMAX BENEFITS:

- **NO CENTRAL BATTERY = HIGHER SAFETY**  
(each lighting fixture in the system has its own battery and there is no risk that defect of one battery influences the whole system like in CBS case)
- **NO FIRE RESISTANT WIRING NEEDED = LOWER INVESTMENTS COSTS**  
(the project needs only 2 signal wires for communication, in case of emergency each lighting fixture is powered by its own battery)

#### VÝHODY V POROVNANÍ S CENTRÁLNOU BATÉRIOU:

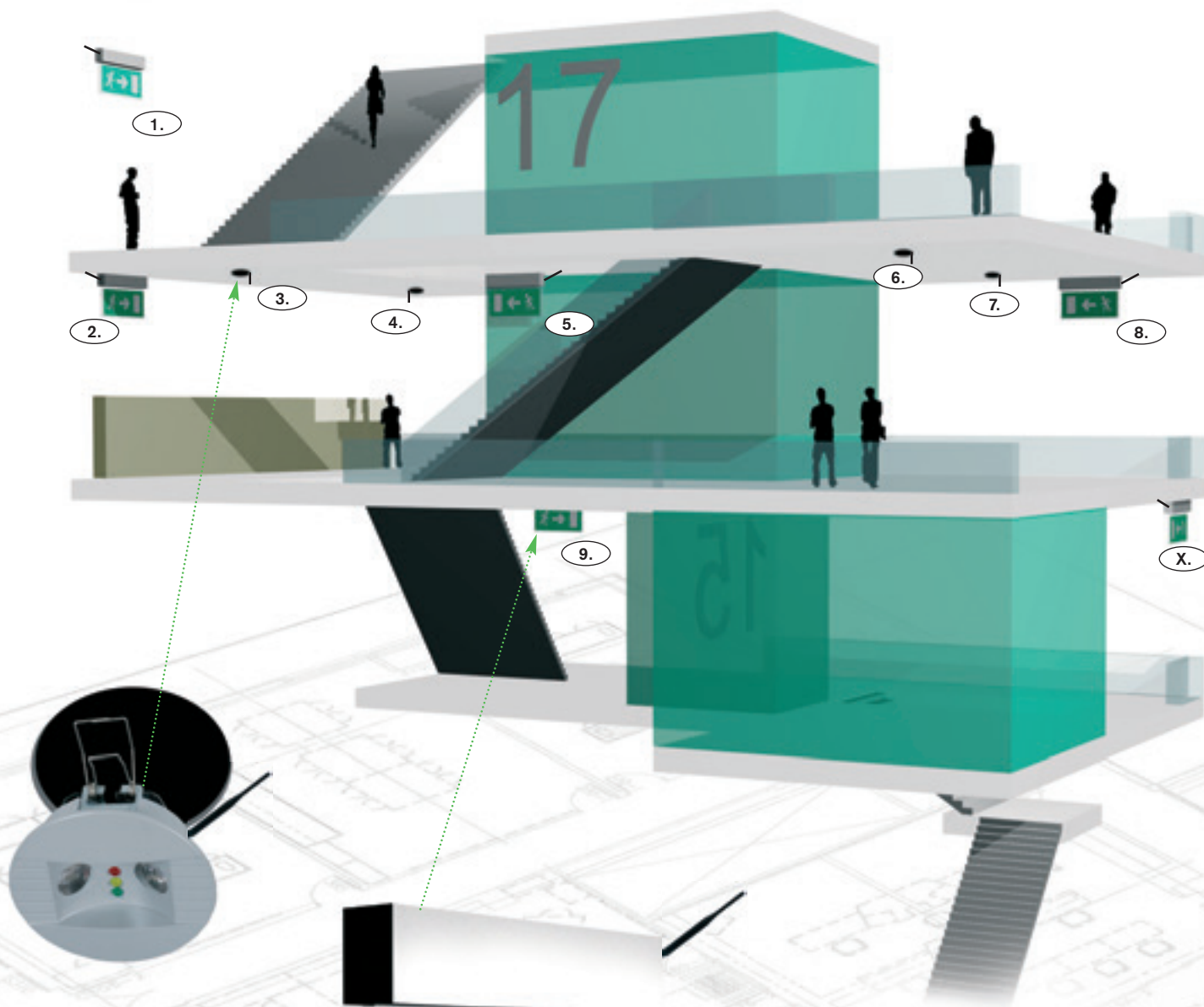
- **VYŠŠIA BEZPEČNOSŤ**  
(každé svetidlo má svoju vlastnú batériu, pri zlyhaní jedného nie je ohrozená funkčnosť celého systému ako pri centrálnej batériovej verzii)
- **NIE SÚ POTREBNÉ NEHORLAVÉ VODIČE**  
(pre napájanie svetidiel nie sú potrebné drahé nehorlavé vodiče, pretože svetidlo je napájané svojou vlastnou batériou v prípade výpadku elektrickej energie)
- **NIŽŠIE INVESTIČNÉ NÁKLADY A VYŠŠIA MIERA BEZPEČNOSTI NÚDZOVÉHO SYSTÉMU**



# 2

## ELMAX-WireLess Mini Centraltest

- Wireless Communication
- bezdrôtová komunikácia



„-ATZB“  
lighting  
fixtures

max.  
200  
Fixtures

ADDRESS  
KNOWN

Transmit  
Power  
1/50mW

Internet  
WEB  
Control

### ELMAX-ATZB WireLess ROUTER:

In case during the installation there is an area with **lack of signal** among the fixtures additional **ROUTER is needed** for reliable signal transmission.

Ak sa počas inštalácie ukáže, že na stavbe sa vyskytuje „**hluché**“ miesto, kde zlyháva komunikácia medzi svietidlami, **prídavný ROUTER** je potrebné doplniť.



ELMAX-Wireless Mini Centraltest



### ELMAX-Wireless Mini (ATZB)

It is low cost solution CENTRALTEST device suitable especially for smaller projects. There is no display in this version, so it must be connected to INTERNET/Ethernet to be able to operate it through standard web browser on remote PC.

#### Common features:

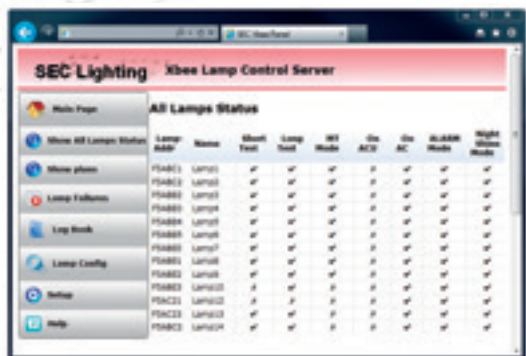
- The DIN rail mounting box, dimensions: 150 x 100 x 70mm
- Powered from AC 80..250V
- Built-in LINUX based operating system, with no additional fees
- ARMV6 processor unit
- Ethernet 10/100 standard RJ45 connector and DHCP client
- 2x USB type A input for additional devices: USB stick, dongles
- Optional WiFi 802.11 dongle available
- Optional 3G / 4G GSM dongle available
- Built-in WEB server as common GUI interface, in other words user can visit and control system over the INTERNET/Ethernet using standard WEB browser such as FireFox, IE, Opera, Chrome on a PC, tablet, Smartphone
- Email client for sending Email ALARMS or Notifications for service company or facility manager
- FTP client for collecting all information to two independent FTP servers
- 3x potential-free input for Fire Alarm, switching the Night Shining on and switching the Power Saving on
- 1x output contact for messaging the Failure of fixtures or other malfunctions
- Supports wireless fixtures with Jennic Mesh network
- Up to 200 fixtures in the system
- Dedicated for all ATZB emergency lighting fixtures
- Built-in external antenna

### ELMAX-Wireless Mini (ATZB)

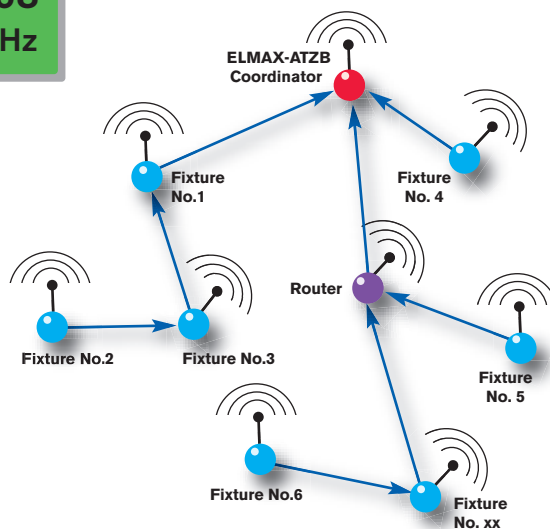
Jedná sa o cenovo úsporný **CENTRALTEST** riadiaci panel, ktorý je určený pre monitoring núdzových svetidiel najmä v menších objektoch. Riadiaca jednotka nemá displej, takže je nutné pripojenie na INTERNET/Ethernet

#### Tecnická špecifikácia:

- Skrinka určená pre montáž na DIN lištu, rozmery: 150 x 100 x 70mm
- Napájanie AC 80..250V
- Zabudovaný operačný systém LINUX, nevyžadujú sa ďalšie licenčné poplatky
- ARMV6 procesor
- Ethernet 10/100 RJ45 konektor a DHCP klient
- 2x USB-A vstup pre pripojenie ďalších USB zariadení ako napr.:
  - príplatkový WiFi 802.11 USB modul
  - príplatkový 3G / 4G GSM USB modul
- Zabudovaný WEB server ako hlavné grafické rozhranie. Užívateľ môže jednoducho komunikovať cez INTERNET/Ethernet prostredníctvom prehliadača IE, CHROME, FireFox. Môže použiť PC, tablet, smart telefón
- Email klient pre odosielanie Email Alarmov / stav systému
- FTP klient pre odosielanie nazbieraných údajov zo systému
- 3x bezpotenciálový vstup pre Požiarň alarm, zapnúť nočné svietenie a zapnúť úsporný režim
- 1x výstupný kontakt ako spoločné hlásenie o chybe systému
- Určený pre svetidlá série ATZB
- Podporuje bezdrôtovú sieť svetidiel Jennic Mesh network
- Max 200 bezdrôtových svetiel v systéme
- Zabudovaná externá anténa



868  
MHz



ELMAX-ATZB WIRELESS NETWORK TOPOLOGY



#### ELMAX-ATZB WireLess BENEFITS:

- **NO CENTRAL BATTERY = HIGHER SAFETY**  
(each lighting fixture in the system has its own battery and there is no risk that defect of one battery influences the whole system like in case of central battery system CBS)
- **NO EXPENSIVE WIRING COSTS + NO WIRING INSTALATION COSTS**  
(it is wireless communication, each lighting fixture has its own battery, it is simply connected to the mains 230V AC)
- **LOWER INVESTMENTS COSTS**

#### VÝHODY V POROVNANÍ S CENTRÁLNOU BATÉRIOU CBS:

- **VYŠŠIA BEZPEČNOSŤ**  
(každé svetidlo má svoju vlastnú batériu, pri zlyhaní jedného nie je ohrozená funkčnosť celého systému ako pri centrálnej batériovej verzii)
- **NIE SÚ POTREBNÉ ŽIADNE ŠPECIÁLNE VODIČE**  
(pre napájanie svetidiel nie sú potrebné drahé nehorľavé vodiče, pretože svetidlo je napájané svojou vlastnou batériou v prípade výpadku elektrickej energie, komunikácia CENTRALTEST je bezdrôtová)
- **NIŽŠIE INVESTIČNÉ NÁKLADY A VYŠŠIA MIERA BEZPEČNOSTI**

# 3

## ELMAX-PATROLUX Mini & CBS PATROLUX

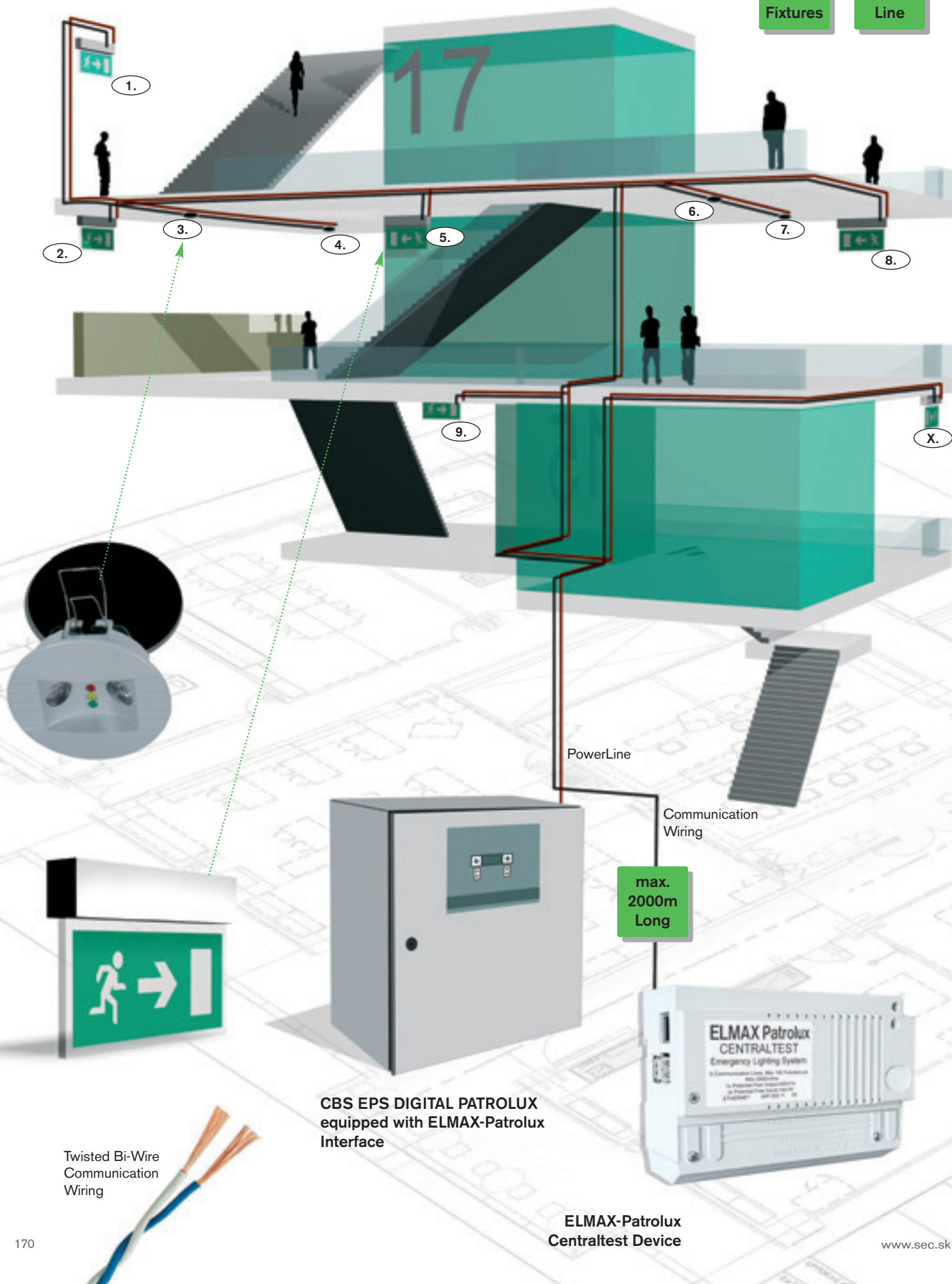
- Wire based Communication
- komunikácia po dvojlinke

ADDRESS  
KNOWN

„-ATXP“  
lighting  
fixtures

Max.  
500  
Fixtures

Twisted  
Bi-Wire  
Line





## ELMAX-PATROLUX Mini

- môže byť pripojené max 500 svietidiel typu "ATXP" /systém
- samostatná dvojlinka na komunikáciu a monitorovanie svietidiel
- max dĺžka vetvy (výstupu) do 2000m
- 4 monitorované vetvy (výstupy)
- šetrný k životnému prostrediu (ON/OFF funkcia zapnutý/vypnutý)
- automatické rozpoznávanie adres svietidiel pri inštalácii

### Popis

Elmax Patrolux centraltest je navrhnutý pre monitorovanie núdzových svietidiel napájaných CBS (centrálny batériový systém). Monitorovanie svietidiel a komunikácia je vedená po samostatnej komunikačnej dvojlinke. Systém ELMAX Patrolux môže byť použitý s CBS EPS-D Patrolux (600-2000VA - pozri aj str. 170) alebo inými centrálnymi núdzovými systémami (musí byť prejednané so SEC). Ak je napájanie dodávané od EPS-D Patrolux, potom CBS a Elmax komunikujú a zbierajú prevádzkové hodnoty, informácie a vykonávajú testy. Znamená to, že všetky informácie obsiahnuté na CBS sú dostupné aj na Elmax Patrolux a vďaka tomu je aj stav CBS možný monitorovať cez web/internet.

Komunikácia svietidiel je pomocou štandardnej netienennej dvojlinky Cat5 data cable. Jej dĺžka je limitovaná na max 2000m/výstup, čo dovoľuje inštaláciu systému aj vo veľkých budovách/objektoch. Napájanie svietidiel je centrálné cez separátny 230V AC kábel.

### Súlad s normami

Centrálny batériový systém CBS testuje sám seba automaticky pre kontrolu všetkých svojich vnútorných funkcií a nabíjanie. Elmax-Patrolux monitoruje všetky pripojené svietidlá, ich elektronické jednotky a svetelné zdroje (žiarivky alebo LED). ELMAX-Patrolux systém spĺňa EN50171. Ak sa objaví chyba/porucha, tá je indikovaná v systéme ELMAX.

### Pripojiteľnosť

CBS EPS -D Patrolux je vybavený 4 separátnymi istenými výstupmi, ktoré poskytujú 230VAC a 100% svetelný výkon v prípade výpadku elektrickej energie po dobu min 60 minutes. CBS poskytuje široký výber úrovne monitorovanie, kde môže byť vybrané:

1. Monitorovanie výstupov podľa merania záťaže (info samostatný katal.list)
2. Monitorovanie elektronických jednotiek a svetelných zdrojov SEC "ATXP" svietidiel s jedinečnou adresou cez Elmax-Patrolux centraltest jednotku
3. Monitorovanie elektronických jednotiek a svetelných zdrojov hlavných svietidiel (iné ako SEC typy) vybavených samostatným ATXP komunikačným modulom s jedinečnou adresou cez Elmax-Patrolux centraltest jednotku
4. Iba napájanie svietidiel bez ich testovania

### Funkcia svietidiel ON/OFF (zapnuté/vypnuté), jednoducho a šetrne k životnému prostrediu

Tradične, pri inštalácii CBS bolo treba špecifikovať, ktoré svietidlá boli v stave ON a ktoré v stave OFF. Napríklad všetky svietidlá s piktogramom museli byť pripojené k výstupom, ktoré boli nepretržite v stave ON a núdzové svietidlá bez piktogramov k výstupom napájaných len počas výpadku elektrickej energie.

V prípade ELMAX-Patrolux systému je možné navyše "miešať" pripojenie týchto typov na tom istom výstupe (ako príplatok/opcia ATXPR) a softvérovým definovať funkčnosť jednotlivých svietidiel (ON/OFF) bez ohľadu ako sú pripojené. Všetky testy a monitorovanie je zabezpečené softvérom ELMAX-Patrolux. Týmto sa šetrí čas, inštalačné náklady a elektrická energia a svetelné zdroje, pretože je možné presne určiť, ktoré svietidlá majú byť OFF a nemusia svietiť nepretržite. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené automaticky systémom ELMAX-Patrolux na všetkých výstupoch.

### Odolnosť ťažkým podmienkam okolia/prostredia

Niektoré aplikačné prostredia prinášajú so sebou ťažšie prevádzkové podmienky ako rušenie, vysoké napätie, tienené miestnosti a pod. Pre všetky tieto prípady je prenos komunikácie ELMAX-Patrolux odolný a zabezpečený.

### Sortiment svietidiel typu ATXP/ATXPR

Všetky svietidlá určené pre CENTRALTEST Elmax Patrolux sú ďalej v katalógu označené ako ATXP/ATXPR. Ak je potrebné pripojiť do systému aj iné svietidlo, je nutné ho vybaviť separátnym komunikačným modulom Patrolux (ATXP/ATXPR, ktorý zvládne výkon svietidla do 120VA.

## ELMAX-PATROLUX MINI

- Up to 500 central battery luminaries can be connected per system
- Safe monitoring via separate cable at fixture level
- Long distances with up to 2000 meters of cable per output
- Four monitored outputs
- Environmentally friendly on- and off-function
- Automatic addressing of the fixtures

### Description

Elmax Patrolux central-test device is designed for monitoring of CBS central battery luminaries via separate communication cable. The system can be used either with central battery system EPS-D Patrolux series (600-2000VA - look up page No. 170) or with other central units, type UPS (contact SEC for more information). When power is supplied via EPS-D Patrolux the central and the Elmax both communicates and collects operational values, information and perform the tests. It means that all information contained in the central is also shown in the Elmax-Patrolux systems and thanks to this, even the EPS is monitored via the web.

Luminary communication is done via standard unshielded twisted pair line type Cat 5 data cable. Its length can be up to 2000 meters per output what allows monitoring of even large buildings. The power supply of the luminaries is done centrally via separate 230VAC cable.

### According to the norms

The emergency power supply CBS tests itself automatically to control its internal functions as well as charging and the battery while Elmax-Patrolux monitors all luminaries ballast and the light sources (either LED or fluorescent tube). ELMAX-Patrolux system conforms to the standard of EN50171. If there's a fault it's indicated in the Elmax unit and the inverter.

### Great connectivity

CBS EPS -D Patrolux is equipped with 4 separate fused outputs which provide 230VAC and 100% light output at power failure for at least 60 minutes. The units provide a large choice regarding the monitoring when one can choose to:

1. Monitor outputs with fixtures via load sensing (see separate sheet for more info)
2. Monitor electronics and light sources in SEC "ATXP" fixtures with an unique ID address via Elmax-Patrolux central
3. Monitor electronics and light sources in the fixtures for general lighting equipped with ATXP modules and unique ID address via Elmax-Patrolux central-test device
4. Only power-supply the luminaries

### Luminaries ON/OFF function, easy and environmentally friendly

Traditionally, it has previously been required to decide in advance which outputs and luminaries must be ON and which ones should be OFF. For example it was mandatory to have the "green sign" luminaries connected to dedicated maintained outputs, and the emergency lighting without legends (the white light) to the non-maintained outputs. In our case ELMAX-Patrolux allows to connect both types on the same output. With all -ATXPR fixtures (equipped with the relay), you can easily determine which ones should be constantly ON, and which should be in standby operation, regardless of how they are connected. Thanks to this you can mix the emergency luminaries on the same output. All the tests and monitoring are done via the Elmax-Patrolux software. This saves both installation time and costs and thanks to this the emergency lighting without legends (the white light) only needs to be turned on in case of a power failure. It saves both energy and light sources. In case of a power failure the Elmax-Patrolux turns on all the fixtures on all outputs.

### Withstands harsh environments

Some environments are tougher than other existing disturbances due all a high voltage, wireless communications, shielded rooms, etc. In all these cases, we offer the safety and security of our wired monitoring which is well suited for all types of environments.

### Many types of ATXP/ATXPR luminaries

The products designed for Elmax Patrolux are marked with ATXP in the catalogue. If you want to connect and monitor also other luminaries for general lighting, you can equip them with separate Patrolux (ATXP/ATXPR) modules which can handle power up to 120VA.



**Description**

EPS-D Patrolux is available in power sizes from 600 to 2000VA. The central supplies the addressable in the Patrolux systems with 230V AC sine-wave voltage both before and after mains-failure and all luminaries that are compatible with the system are marked with ATXP / ATXPR. If one wants ordinary luminaries monitored they can be equipped with separate Patrolux (ATXP / ATXPR) modules which can handle loads up to 120VA. This means that more or less all different types of luminaries can be supplied and monitored. Since the CBS's communicates with the Elmax and showing measurements in the software it can be monitored anywhere in the world.

**High efficiency**

Because the centrals are of "offline" type they have up to 98 % efficiency during normal conditions which gives low energy-consumption and heat dissipation. This makes the operational costs, cooling-need and environmental impact down to a minimum which makes the EPS truly "green".

**Mimic panel**

On the front of the EPS all the necessary operational values such as input voltage, connected load VA's and Watts, battery-voltage, alarms etc. are shown in the digital display. Large push-buttons makes it easy scroll in the menus and to program the central if it's wanted. The mimic panel also has 4 LEDs for quick status monitoring which shows mains connected, battery operation, charger fault and test in progress.

**Auto test according to current standards**

The EPS Digital centrals are equipped with automatic tests to monitor all the important internal functions according to EN 50171&EN 50172. This includes the function of the batteries, charging and autonomy. It's easy to program which specific weekday and time the test shall be executed via the mimic panel so as not to interfere with the customers daily operations. Because manual tests then become obsolete, the operational costs will be kept to a minimum.

**Monitoring of lines or individual luminaries**

The Elmax Patrolux system monitors on luminary-level and therefore the line monitoring is turned off by default. This feature can be activated on selected outputs for example when there's a need to monitor standard fixtures that do not have addressable ballasts. The systems senses if a luminary or light-source is broken and also shows which output it's connected to. The sensitivity can be adjusted to monitor even down to a single LED luminary. During the test the central lights up all the outputs so that also emergency luminaries that normally are off also are checked. During the test the CBS is also checking the internal function like fuses, charging and battery-status.

**Environmental friendly with Energy Save Function**

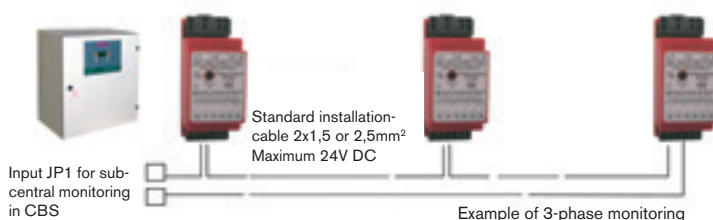
To save energy is important to building owners today both for economical as well as environmental reasons. This fact has been taken into consideration on the EPS Digital since it also has an input to turn off all the luminaries when they do not need to be on. The input can for example be automatically activated from a burglar alarm so that all the emergency lights are turned off when there's no one on the premises. The charging of the batteries remains active and if a mains failure should occur during this state, all the luminaries will light up. The above actions give large savings on energy-costs, light-sources and not the least, the environment.

**Input for fire-alarm**

The centrals also have the possibility to be controlled via an input that turns on all the connected luminaries. The input can either transmit or receive voltage (24VDC) from external devices such as fire-alarms.

**Monitoring of sub-centrals (3-phase monitoring unit)**

In the CBS EPS centrals there is also an input that can be used for external 3-phase monitoring (art No. M-CBS0011). These can be placed locally in a sub-centrals to monitor local mains-failures out in the building. If the devices are activated then all the outputs of the EPS's are lit up even though the mains connected to the central is OK.

**External alarm**

The centrals have three potential-free outputs on terminals for alarms. Common alarm, mains failure and load error. These can for example be connected to an external alarm panel or KNX system.

**Earthleakage monitored outputs for high flexibility and safety**

The EPS-D Patrolux has four outputs as standard for the load that can be controlled completely individually. As example; two outputs can always be on for exit signs and two outputs can be off for escape route lighting. It's also possible to connect external light-switches to the centrals to put on and off luminaries during normal conditions. If a mains failure should occur the EPS turns on all the outputs even if they are in an off condition. As an accessory the centrals can be equipped with an extra internal PCB with 12 outputs or an extra external box with 16 outputs. The control and monitoring will then be in groups of 3 or 4. The outputs are individually secured both electronically and with ultra fast UR fuse. Every output also have earth-leakage monitoring with off/on, 0-30mA/100mA/300mA depending on using of the EPS. If a short-circuit or earth-leakage problem should occur the central only shuts down the applicable output.

**100 % light**

The EPS's are delivered with powerful batteries manufactured according to Eurobat 1999 "10-12 years – High Performance" and gives 100 % light in at least 60 minutes during a mains failure. The batteries are sealed lead acid so the centrals can therefore be installed in normal indoor environments.

**Plug'n'Play**

The centrals are delivered complete where everything is ready to be used immediately. The batteries are connected and all the necessary adjustments are already made in the spirit of true Plug'n'Play. In the manual all the vital information needed can be found for installation, commissioning and maintenance.

## Popis

Centrálny batériový systém CBS EPS Digital PATROLUX je vyrábaný od výkonu 600VA do 1500VA. Centrála dodáva 230V AC sínus napätie pred aj po výpadku elektrickej energie a všetky svietidlá ďalej v katalógu označené AXP môžu byť napájané. Ak je potrebné pripojiť bežné svietidlo, je nutné ho vybaviť samostatným komunikačným modulom PATROLUX, ktorý zvládne záťaž do 120VA. To znamená, že všetky typy svietidiel môžu byť pripojené. Keďže CBS komunikuje s ELMAX-Patrolux, je možné systém monitorovať z akéhokoľvek miesta na zemi pomocou web prehliadača a jeho IP adresy.

## Vysoká účinnosť

Tým, že centrála je "offline", jej účinnosť je až do 98% za normálnych podmienok, čím je jej spotreba a generované teplo na veľmi nízkej úrovni. Prevádzkové náklady, potreba chladenia a vplyv na životné prostredie sú na veľmi nízkej úrovni a tým sa stáva centrála skutočne "zelená".

## Info panel

Všetky dôležité informácie o prevádzkových parametroch ako vstupné napätie, pripojená záťaž, napätie batérií, alarmy a pod. sú veľmi dobre čitateľné na digitálnom displeji na prednom paneli ústredne. Pomocou veľkých tlačítek je veľmi jednoduché prechádzanie menu a programu, ak je to potrebné. Info panel má taktiež 4LEDky pre rýchly monitoring stavu siete, batérií, nabíjajúcich obvodov a prebiehajúceho testu.

## AUTOTEST

Centrála EPS Digital je vybavená automatickom testom na monitorovanie všetkých interných funkcií podľa noriem EN50171 a EN 50172. Funkcia Autotest zahŕňa test batérií, nabíjania a autonómnosti. Jednoduchým naprogramovaním je možné určiť deň v týždni a čas kedy má byť test vykonaný tak, aby sa vyhol bežným prevádzkovým hodinám v objekte. Vďaka tomu nie je nutné vykonávať test manuálne a tým prichádza k úsporám času a nákladov s tým spojených.

## Monitorovanie línií a jednotlivých svietidiel

Systém ELMAX-Patrolux monitoruje na úrovni jednotlivých svietidiel, preto je monitoring jednotlivých línií prednastavený ako vypnuté. Monitoring línií môže byť aktivovaný na vybrané výstupy napr. pre línie, ktoré obsahujú len svietidlá bez adres.modulu. Systém vyhodnocuje, či je svietidlo alebo jeho svetelný zdroj pokazený a ukáže výstup, na ktorý je pripojený. Citlivosť môže byť nastavená až na úroveň jednotlivého svietidla. Počas testu CBS rozsvieti všetky svietidlá, takže je možné testovať aj tie, ktoré sú normálne vypnuté. Počas testu skontroluje aj ďalšie interné funkcie ako sú poistky, nabíj.obvody a stav batérií.

## Funkcia úspory energie

V dnešnej dobe je pre majiteľov budov dôležitým faktorom úspora energie z ekonomických dôvodov alebo aj z dôvodu vplyvu na životné prostredie. Tento fakt bol braný do úvahy už pri návrhu CBS EPS Digital ústrední a každá má zabudovaný vstup na možnosť vypnutia všetkých svietidiel v čase, keď ich funkcia nie je potrebná. Tento vstup môže byť napríklad napojený na bezpečnostný systém danej budovy tak, že po jeho aktivácii sa všetky svietidlá vypnú nakoľko sa v bodove už nikto nenachádza. Funkcia nabíjania batérií ostáva aktívna a ak príde k výpadku elektrickej energie, tak sú všetky svietidlá aktivované. Týmto je možné dosiahnuť výrazné úspory energie, servisných nákladov potrebných na výmenu svetelných zdrojov a v neposlednej rade životné prostredie.

## Vstup pre požiarly poplach

Centrála má možnosť byť riadená aj cez vstup, ktorý automaticky rozsvieti všetky svietidlá. Tento vstup môže buď vysielat alebo prijímať napätie 24V DC z externého zariadenia ako je napr. systém detekcie požiaru.

## Monitoring subcentrály (fáz) - prípatkový modul

CBS centrála je vybavená taktiež vstupom, ktorý môže byť použitý pre externé 3-fázové monitorovanie (musí byť objednané ako samostatná položka M-CBS0011). Tieto jednotky 3-fázového monitorovania môžu byť umiestnené v objekte s lokálnymi CBS centrály (napr na každom poschodí) tak, aby monitorovali lokálne výpadky siete v budove. Ak je zariadenie aktivované, tak všetky okruhy CBS sú rozsvietené aj v prípade, že napájanie CBS je v poriadku.

## Externý alarm

Centrála má 3 bezpotenciálové výstupy pre alarmy. Bežný alarm, výpadok siete a porucha nabíjania. Môžu byť pripojené napr. k externému pultu alebo KNX.

## Uzemnené monitorované výstupy pre vysokú úroveň bezpečnosti a flexibility

Centrála CBS EPS Digital Patrolux má štandardne 4 výstupy pre pripojenie svietidiel, ktoré môžu byť riadené úplne nezávisle. Napr. 2 výstupy môžu byť použité pre svietidlá na vyznačenie smeru únikovej cesty (svietidlá s piktogramom) a ďalšie 2 výstupy pre svietidlá pre hlavné osvetlenie v osi únikovej cesty (svietidlá bez piktogramov). Navyše je možné pripojiť k centrále externé vypínače zapnutie/vypnutie svietidiel počas normálneho stavu. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené bez ohľadu na to, či boli predtým vypnuté alebo zapnuté. Ako možnosť, centrála môže byť vybavená internou doskou s 12 výstupmi alebo externou doskou so 16 výstupmi. Riadenie a monitoring bude potom v skupinách po 3, resp. po 4. Výstupy sú individuálne zabezpečené elektronicky a zároveň veľmi rýchlou UR poistkou. Každý výstup má taktiež monitoring uzemnenia so zapnutím/vypnutím, 0-30mA/ 100mA/ 300mA v závislosti na použití CBS EPS centrály. Ak sa objaví skrat alebo problém s uzemnením, centrála automaticky vypne len dotknutý výstup.

## 100% svetelného toku

Centrály CBS EPS sú dodávané s výkonnými batériami vyrobenými podľa Eurobat 1999 "10-12 years- High Performance" a dávajú 100 % svetelný výkon počas min.60min po výpadku elektrickej energie. Jedná sa o zapúzdrené olovené batérie, ktoré môžu byť umiestnené v bežných interiérových podmienkach.

## Plug'n'Play

Centrály CBS EPS sú dodávané kompletne, so všetkým potrebným pre okamžitú inštaláciu. Batériu sú napojené a všetky potrebné nastavenia sú spravené v duchu Plug'n'Play. V priloženom manuále sú uvedené všetky potrebné informácie pre inštaláciu, prevádzku a údržbu.

## CBS EPS DIGITAL PATROLUX

Parameters: / Type:	EPS 600DP	EPS 750DP	EPS 900DP	EPS 1200DP	EPS 1500DP	EPS 2000DP
Power (Technology Offline)	600VA/480W	750VA/600W	900VA/720W	1200VA/960W	1500VA/1200W	2000VA/1600W
SEC Order code:	M-CBS0014	M-CBS0015	M-CBS0016	M-CBS0017	M-CBS0018	M-CBS0019
<b>Input</b>	1-phase					
Voltage / Frequency	230V AC +/- 10% / 50Hz					
<b>Output</b>	1-phase					
Voltage / Frequency	230V AC +/- 4% / 50Hz					
Waveform	Sinus					
Efficiency	up to 98%					
Crest factor	3:1					
Outputs (5A Ultra-fast)	4 (or 12 with extra PCB)					
Dimensions (HxWxD) mm	600x800x320 (wall-cabinet / stena)			1000x750x400 (floor-cabinet / podlaha)		
Weight (kg)	62	78	90	136	148	175

All optional accessories/modules are shown on Page No.177

Príplatkové moduly sú uvedené na strane č.177

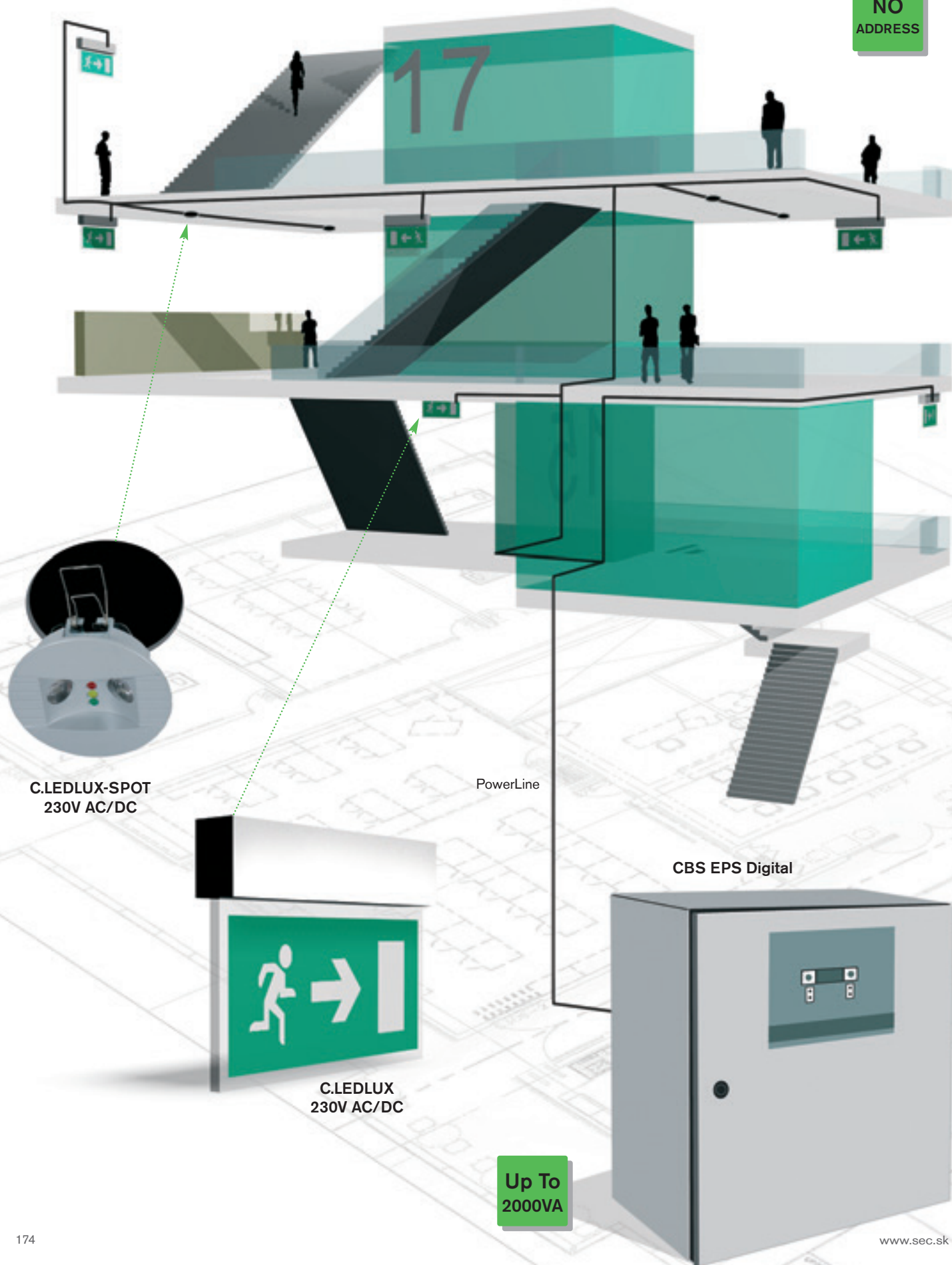
# 4

## Central Battery System (CBS) EBS Digital

- Non-Addressable
- neadresovateľný centrálny batériový systém

„C.xxx“  
Lighting  
Fixtures

NO  
ADDRESS



Up To  
2000VA





### Description

The CBS EPS Digital is available in power sizes from 150VA to 2000VA. The central supplies the load with 230VAC sine-wave voltage both before and after mains-failure which means that almost any luminaries and light sources can be used. The lamps should be compensated to at least cos. fi. 0,8 and should be able to handle a break of 0,5 seconds during the switch from mains to battery power according to EN 50171.

### High efficiency

Because the centrals are of "offline" type they have up to 98 % efficiency during normal conditions which gives low energy-consumption and heat dissipation. This makes the operational costs, cooling-need and environmental impact down to a minimum which makes the CBS EPS truly "green".

### Mimic panel

On the front of the CBS EPS all the necessary operational values such as input voltage, connected load, battery-voltage, alarms etc. are shown in the digital display. Large push-button makes it easy scroll in the menus and to program the central if it is wanted. The mimic panel also has 4 LEDs for quick status monitoring which shows mains connected, battery operation, charger off and if the unit is in test.

### Auto test according to current standards

The CBS EPS Digital centrals are equipped with automatic tests to monitor all the important internal functions according to the European standards EN 50171 & EN 50172. This includes the function of the batteries, charging and autonomy. It is easy to program which specific weekday and time the test shall be executed via the mimic panel so as not to interfere with the customers daily operations. Because manual tests then become obsolete, the operational costs will be kept to a minimum.

### Load monitoring

In addition to above auto-test the CBS EPS Digital also monitors the connected load. The systems senses if a luminaire or light-source is broken and also shows which output it is connected to. The sensitivity can be adjusted to monitor even down to a single LED luminaire. During the test the central lights up all the outputs so that also emergency luminaries that normally are OFF are checked too.

### Environmental friendly with Energy Save Function

To save energy is important to building owners today both for economical as well as environmental reasons. This fact has been taken into consideration on the CBS EPS Digital since it also has an input to turn off all the luminaires when they do not need to be on. The input can for example be automatically activated from a burglar alarm so that all the emergency lights are turned off when there is no one on the premises. The charging of the batteries remains active and if a mains failure occurs during this state, all the luminaries will light up.

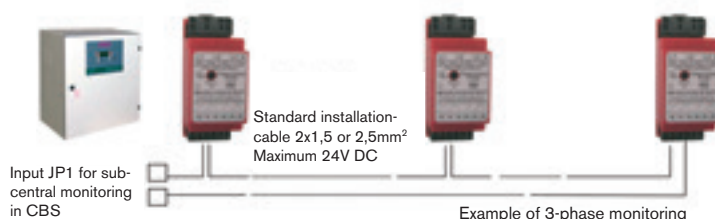
The above actions give large savings on energy-costs, light-sources and not the least, the environment.

### Input for fire-alarm

The centrals also have the possibility to be controlled via an input that turns on all the connected luminaries. The input can either transmit or receive voltage (24VDC) from external devices such as fire-alarms.

### Monitoring of sub-centrals (3-phase monitoring unit -optional)

In the CBS EPS centrals there is also an input that can be used for external 3-phase monitoring (art No. M-CBS0011). These can be placed locally in a sub-centrals to monitor local mains-failures out in the building. If the devices are activated then all the outputs of the EPS's are lit up even though the mains connected to the central is OK.



### External alarm

The centrals have three potential-free outputs on terminals for alarms. Common alarm, mains failure and load error. These can for example be connected to an external alarm panel or KNX system.

### Earthleakage monitored outputs for high flexibility and safety

The CBS EPS Digital has four outputs as standard for the load that can be controlled completely individually. As example; two outputs can always be on for exit signs and two outputs can be off for escape route lighting. It is also possible to connect external light-switches to the centrals to put on and off luminaries during normal conditions. If a mains failure occurs the EPS turns on all the outputs even if they are in an off condition. As an accessory the centrals can be equipped with an extra internal PCB with 12 outputs. The control and monitoring will then be in groups of 3. The outputs are individually secured both electronically and with ultra fast UR fuse. Every output also have earth-leakage monitoring with off/on, 0-30mA/100mA/300mA depending on using of the CBS EPS. If a short-circuit or earth-leakage problem occurs the central only shuts down the applicable output.

### 100 % light

The CBS EPSs are delivered with powerful batteries manufactured according to Eurobat 1999 "10-12 years- High Performance" and gives 100 % light in at least 60 minutes during a mains failure. The batteries are sealed lead acid so the centrals can therefore be installed in normal indoor environments.

### Plug'n'Play

The CBS centrals are delivered complete where everything is ready to be used immediately. The batteries are connected and all the necessary adjustments are already made in the spirit of true Plug'n'Play. In the manual all the vital information needed can be found for installation, commissioning and maintenance.

## CBS EPS Digital

### Popis

Centrálny batériový systém CBS EPS Digital je vyrábaný od výkonu 150VA do 2000VA. Centrála dodáva 230V AC sínus napätie pred aj po výpadku elektrickej energie, čo znamená že prakticky všetky svietidlá a svetelné zdroje môžu byť napájané. Svietidlá majú byť kompenzované na  $\min.\cos.\phi 0,8$  a musia zniesť výpadok napájania 0,5s počas prepnutia napájania zo siete na batériu (podľa EN50171).

V katalógu SEC sú tieto typy ďalej uvedené vždy v tabuľke s hlavičkou "CENTRAL BATTERY (CBS)" a označením príslušného typu C.xxx 230V AC/DC (napr. C.LEDLUX-SPOT-B-V 2x3W 230V AC/DC).

### Vysoká účinnosť

Tým, že centrála je "offline", jej účinnosť je až do 98% za normálnych podmienok, čím je jej spotreba a generované teplo na veľmi nízkej úrovni. Prevádzkové náklady, potreba chladenia a vplyv na životné prostredie sú na veľmi nízkej úrovni a tým sa stáva CBS centrála skutočne "zelená".

### Info panel

Všetky dôležité informácie o prevádzkových parametroch ako vstupné napätie, pripojená záťaž, napätie batérií, alarmy a pod. sú veľmi dobre čitateľné na digitálnom displeji na prednom paneli ústredne. Pomocou veľkých tlačítek je veľmi jednoduché prechádzanie menu a programu, ak je to potrebné. Info panel má taktiež 4LEDky pre rýchly monitoring stavu siete, batérií, nabíjacích obvodov a prebiehajúceho testu.

### AUTOTEST

Centrála EPS Digital je vybavená automatickým testom na monitorovanie všetkých interných funkcií podľa noriem EN50171 a EN 50172. Funkcia Autotest zahŕňa test batérií, nabíjania a autonómnosti. Jednoduchým naprogramovaním je možné určiť presný deň v týždni a čas kedy má byť test vykonaný tak, aby sa vyhol bežným prevádzkovým hodinám daného objektu. Vďaka AUTOTESTU nie je nutné vykonávať test manuálne a tým prichádza k značným úsporám času a nákladov s tým spojených.

### Monitorovanie záťaže

Navyše k vyššie uvedenému funkcia AUTOTEST monitoruje aj pripojenú záťaž. Systém dokáže identifikovať poruchu svietidla alebo jeho svetelného zdroja a zároveň informuje na ktorom výstupe/okruhu je pripojené. Jeho citlivosť môže byť nastavená až na úroveň jednotlivého svietidla. Počas testu sú všetky svietidlá na všetkých výstupoch rozsvietené a tým je možné skontrolovať aj svietidlá, ktoré sú normálne vypnuté.

### Funkcia úspory energie

V dnešnej dobe je pre majiteľov budov dôležitým faktorom úspora energie z ekonomických dôvodov alebo aj z dôvodu vplyvu na životné prostredie. Tento fakt bol braný do úvahy už pri návrhu CBS EPS Digital ústrední a každá má zabudovaný vstup na možnosť vypnutia všetkých svietidiel v čase, keď ich funkcia nie je potrebná. Tento vstup môže byť napríklad napojený na bezpečnostný systém danej budovy tak, že po jeho aktivácii sa všetky svietidlá vypnú nakoľko sa v budove už nikto nenachádza. Funkcia nabíjania batérií ostáva aktívna a ak príde k výpadku elektrickej energie, tak sú všetky svietidlá aktivované. Týmto je možné dosiahnuť výrazné úspory elektrickej energie, servisných nákladov potrebných na výmenu svetelných zdrojov a v neposlednej rade životné prostredie.

### Vstup pre požiarne poplach

Centrála má možnosť byť riadená aj cez vstup, ktorý automaticky rozsvieti všetky svietidlá. Tento vstup môže buď vysielat alebo prijímať napätie 24V DC z externého zariadenia ako je napr. systém detekcie požiaru.

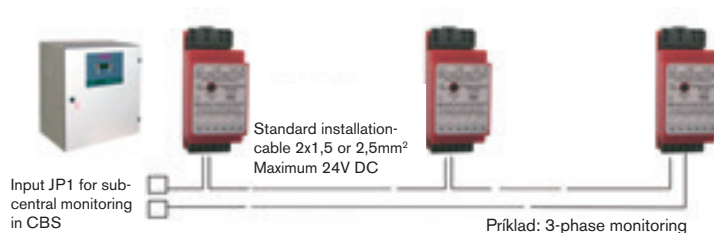
### Externý alarm

Centrála má 3 bezpotenciálové výstupy pre alarmy. Bežný alarm, výpadok siete a porucha nabíjania. Tieto môžu byť pripojené napr. k externému pultu alebo KNX systému.



**Monitoring subcentrál (fáz) - príplatkový modul**

CBS centrála je vybavená taktiež vstupom, ktorý môže byť použitý pre externé 3-fázové monitorovanie (musí byť objednané ako samostatná položka M-CBS0011). Tieto jednotky 3-fázového monitorovania môžu byť umiestnené v objekte s lokálnymi CBS centrálnami (napr. na každom poschodí) tak, aby monitorovali lokálne výpadky siete v budove. Ak je zariadenie aktivované, tak všetky okruhy CBS sú rozsvietené aj v prípade, že napájanie CBS je v poriadku.

**Uzemnené monitorované výstupy pre vysokú úroveň bezpečnosti a flexibility**

Centrála CBS EPS Digital má štandardne 4 výstupy pre pripojenie svietidiel, ktoré môžu byť riadené úplne nezávisle. Napr. 2 výstupy môžu byť použité pre svietidlá na vyznačenie smeru únikovej cesty (svietidlá s piktogramom) a ďalšie 2 výstupy pre svietidlá pre hlavné svietenie v osi únikovej cesty (svietidlá bez piktogramov). Navyše je možné pripojiť k centrále externé vypínače pre zapnutie / vypnutie svietidiel počas normálneho stavu. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené bez ohľadu na to, či boli predtým vypnuté alebo zapnuté. Ako opcia, centrála môže byť vybavené internou doskou s 12 výstupmi (nutné objednať samostatne, položka M-CBS0012) alebo externým boxom so 16 výstupmi (nutné objednať samostatne, položka M-CBS0005). Riadenie a monitoring bude potom v skupinách po 3, resp. po 4. Výstupy sú individuálne zabezpečené elektronicky a zároveň veľmi rýchlou UR poistkou. Každý výstup má taktiež monitoring uzemnenia so zapnutím/vypnutím, 0-30mA/100mA/300mA v závislosti na použití CBS EPS centrály. Ak sa objaví skrat alebo problém s uzemnením, centrála automaticky vypne len dotknutý výstup.

**100% svetelného toku**

Centrály CBS EPS sú dodávané s výkonnými batériami vyrobenými podľa Eurobat 1999 "10-12 years- High Performance" a dávajú 100 % svetelný výkon počas min.60min po výpadku elektrickej energie. Jedná sa o zapúzdrené olovené batérie, ktoré môžu byť umiestnené v bežných interiérových podmienkach.

**Plug'n'Play**

Centrály CBS EPS sú dodávané kompletne, so všetkým potrebným pre okamžitú inštaláciu. Batériu sú napojené a všetky potrebné nastavenia sú spravené v duchu Plug'n'Play. V priloženom manuále sú uvedené všetky potrebné informácie pre inštaláciu, prevádzku a údržbu.

**CBS EPS DIGITAL - OFFLINE Technology**

Parameters: / Type:	EPS 150D	EPS 300D	EPS 450D	EPS 600D	EPS 750D	EPS 900D	EPS 1200D	EPS 1500D	EPS 2000D
Power Offline Technology	150VA/ 120W	300VA/ 240W	450VA/ 360W	600VA/ 480W	750VA/ 600W	900VA/ 720W	1200VA/ 960W	1500VA/ 1200W	2000VA/ 1600W
SEC Order code	M-CBS0006	M-CBS0007	M-CBS0003	M-CBS0004	M-CBS0008	M-CBS0009	M-CBS0010	M-CBS0001	M-CBS0002
Input	1-phase								
Voltage	230V AC +/- 10%								
Frequency	50Hz								
Output	1-phase								
Voltage	230V AC +/- 4%								
Frequency	50Hz								
Waveform	Sinus								
Efficiency	up to 98%								
Crest factor	3:1								
Outputs (5A Ultra-fast)	4 (or 12 with extra PCB)								
Dimmensions (HxWxD) mm	400x600x210 (wall-cabinet / stena)			600x800x320 (wall-cabinet / stena)			1000x750x400 (floor-cabinet / podlaha)		
Weight (kg)	24	42	55	62	78	90	136	148	175
Alarm (potential free on termin.)	Common alarm, mains failure and load error / bežný alarm, výpadok siete a porucha nabíjania.								
Standards									
Performance and topology	EN50171 / EN50172								
Protection class	IP21								
Accessories									
IP54 cabinets	Yes						No		
External box with 16 outputs (2,5A Ultra-fast fuses)	Optional Item / Príplatkový modul položka : M-CBS0005								
Internal PCB wit 12 outputs (2,5A Ultra-fast fuses)	Optional Item / Príplatkový modul položka : M-CBS0012								
PC230, 3-phase monitoring	Optional Item / Príplatkový modul položka : M-CBS0011								



Product Assortment  
EMERGENCY LIGHTING

# Premium Line



- **4 YEARS WARRANTY \***

- 4 ročná záruka \*



- **POWERFULL LEDs >150lm/W**

- Výkonné LED >150lm/W



- **LONGLIFE LEDs >100.000h**

- Dlhoživotné LED >100000hod



- **LONGLIFE BATTERY**

- Dlhoživotná NiMh batéria



- **INSTALATION MODE**

- Inštalačný mód



- **INTELLIGENT CHARGING**

- Inteligentné nabíjanie



- **ECO MODE (dimming 10%-100%)**

- ECO mód (stmievanie 10%-100%)



**2/200**  
cd/m<sup>2</sup>

- **ENERGY SAVING MODE (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>)**

- “Energy Saving” mód (osvetlenie piktogramu 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>)

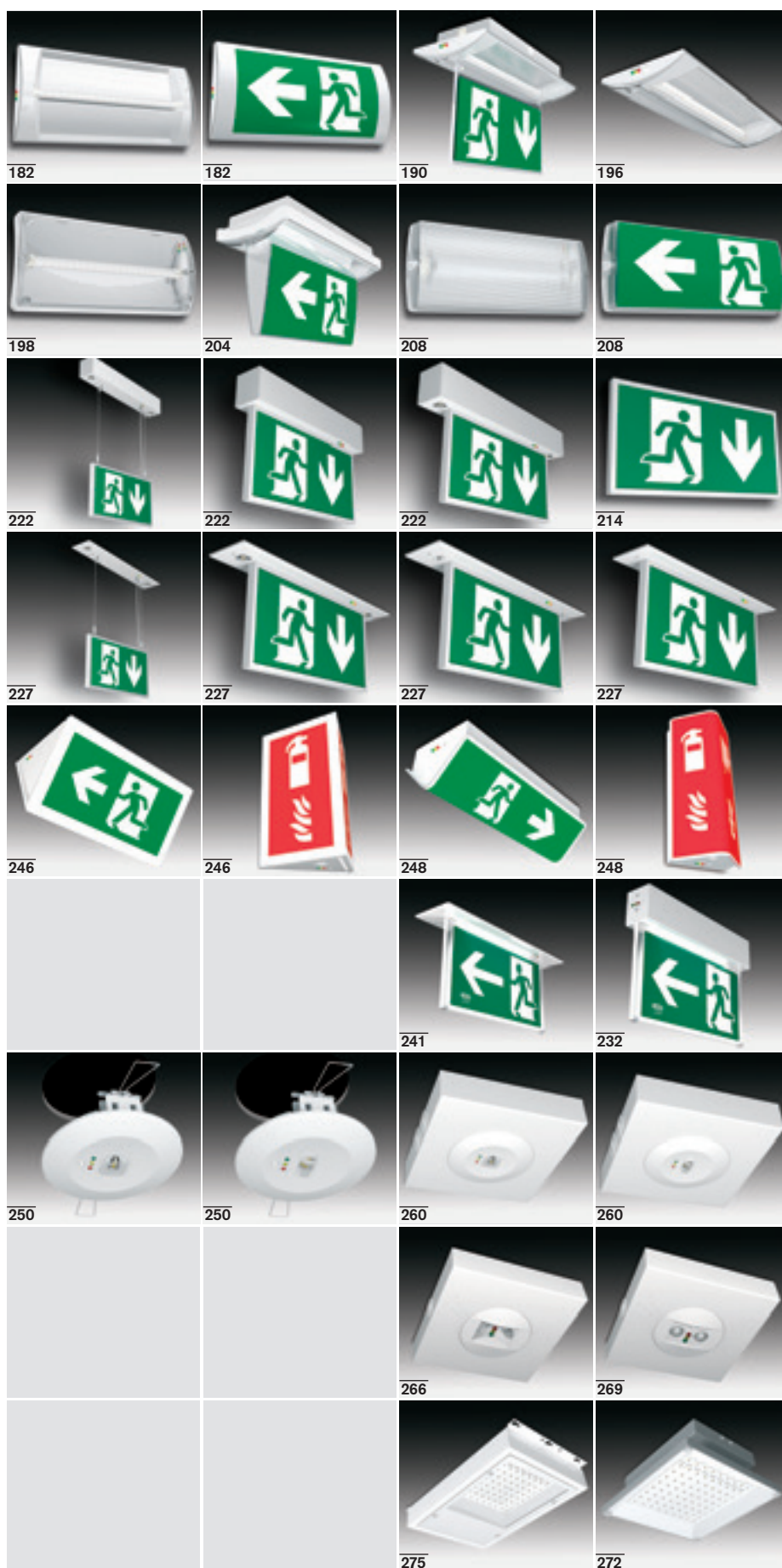


- **POWER FACTOR >0.9**

- Power faktor >0,9

\*4 years warranty does not include the battery

\*4 ročná záruka nezahrňuje batériu



<b>182-197</b>	<b>EVOLUX2 LED</b>
182-189	EVOLUX2-P LED
190-191	EVOLUX2-PP LED
192-195	EVOLUX2-VP LED
196-197	EVOLUX2-V LED
<b>198-213</b>	<b>TRENDLUX2 / MORMALUX2 LED</b>
198-203	TRENDLUX2
204-207	TRENDLUX2-TOP
208-213	NORMALUX2
<b>214-226</b>	<b>PRIMALUX LED</b>
214-221	PRIMA-A/-B
222-226	PRIMA-AP
222-226	PRIMA-APA+2xLED
222-226	PRIMA-APB+2xLED
<b>227-231</b>	<b>PRIMALUX-AV LED</b>
227-231	PRIMA-AV
227-231	PRIMA-AVA+2xLED
227-231	PRIMA-AVB+2xLED
<b>246-249</b>	<b>TRIPLELUX2 / ARRISLUX2 LED</b>
246-247	TRIPLELUX2
246-247	TRIPLELUX2-A/-B+1XLED
248-249	ARRISLUX2
248-249	ARRISLUX2-A/-B+1XLED
<b>232-245</b>	<b>LEDLUX2-P/-V</b>
232-240	LEDLUX2-P
241-245	LEDLUX2-V
<b>250-265</b>	<b>LEDLUX-SPOT2-P/-V</b>
260-265	LEDLUX-SPOT2-P
250-259	LEDLUX-SPOT2-V
<b>266-271</b>	<b>LEDLUX-SPOT2-HCA/-HCB</b>
266-268	LEDLUX-SPOT2-HCA
269-271	LEDLUX-SPOT2-HCB
<b>272-277</b>	<b>POWERLUX2 / ROTALUX2 LED</b>
272-274	ROITALUX2 LED
275-277	POWERLUX2 LED

## PREMIUM LINE



THIS IS ONLY EXAMPLE OF DIP SWITCH PREMIUM EMERGENCY LIGHTING VERSION FUNCTIONALITY. FOR DETAILED SPECIFIC TYPE FUNCTIONALITY PLEASE REFER TO ITS CATALOGUE PAGE.

TÁTO TABUĽKA ÚVÁDZA PRÍKLADY FUNKCIONALITY DIP PREPÍNAČA PRE PREMIUM VERZIE NÚDZOVÝCH SVIETIDIEL. PRE DETAILNÚ FUNKCIONALITU DANÉHO SVIETIDLA POZRI ĎALEJ V KATALÓGU.

### DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

##### NORMAL MODE 230V MAINS

##### EMERGENCY BATTERY MODE



**+ 2x BOTTOM LEDs ACTIVATION**  
ON - ACTIVATED  
OFF - DEACTIVATED



**DEFAULT SETT./ PREDNASTAVENÉ**  
Full Power



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²



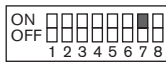
**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²



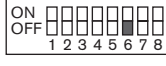
**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²



**DEFAULT / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED



**DEFAULT / PREDNASTAVENÉ**  
ON - MAINTAINED  
OFF - NON-MAINTAINED



**DEFAULT / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST

#### CBS CENTRAL BATTERY VERSIONS

##### CBS CENTRAL BATTERY



**FULL POWER**  
PLNÝ VÝKON



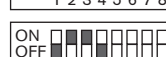
**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m²  
JAS PIKTOGRAMU > 200cd/m²



**ECO MODE 50%**



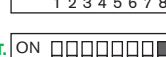
**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²



**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDs CONTROL  
OFF - DIMMING



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

#### INSTALLATION MODE INŠTALAČNÝ MÓD

#### NORMAL MODE PREVÁDZKOVÝ MÓD



##### MAINS 230V MODE 230V SIEŤOVÝ MÓD



##### EMERGENCY MODE NÚDZOVÝ MÓD

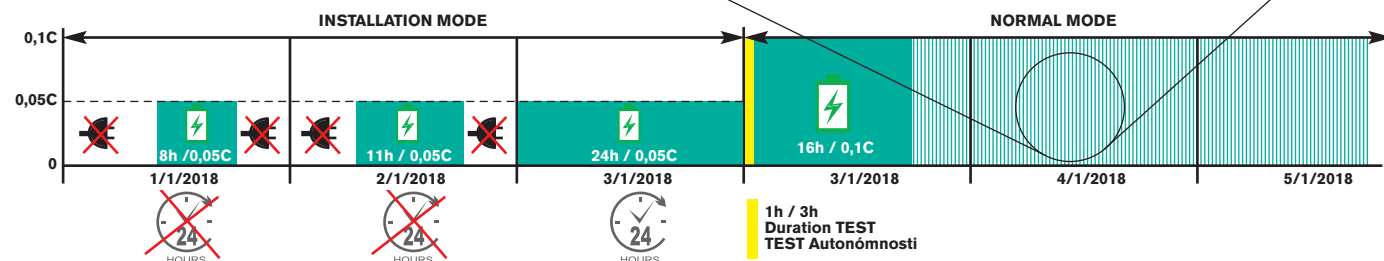
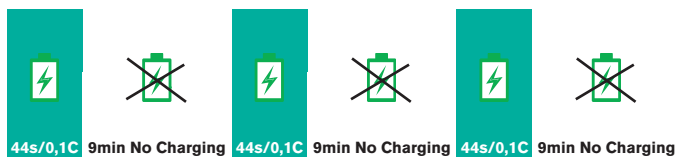


##### LED INDICATOR GREEN / ZELENÁ



**INSTALLATION MODE** (green LED is blinking) - Immediately after first connection of Mains 230V, charging of battery starts by constant current 0,05C. The emergency mode is not available unless the battery is fully charged. No mains 230V interruption during 24h can occur. If it occurs the installation mode starts again for another 24h time period = **BATTERY PROTECTION** against daily charging-discharging during a building construction period. After constant 24h mains 230V availability the installation mode ends and **DURATION TEST** starts (for 1h or 3h, yellow LED blinking). After duration test the **NORMAL MODE** starts (green LED lights) and the battery is charged by constant current 0,1C for next 16h. After this 16h time period the charging is switched to **INTERMITTENT CHARGING MODE** (44s charging by 0,1C, 9min no charging = **LONGER BATTERY LIFE TIME**).

**INŠTALAČNÝ MÓD** - po prvom pripojení svietidla k sieti 230V sa začne nabíjanie batérie trvalým prúdom 0,05C. Núdzový mód svietidla nie je možné spustiť pokiaľ sa batéria plne nenabije, čo trvá 24h, počas ktorých nesmie prísť k prerušeniu napájania zo siete. Ak je nabíjanie prerušené počas týchto 24hod, inštalačný mód začína plynúť odznova po ďalšom pripojení 230V znovu na dobu 24hod = **OCHRANA BATÉRIE PRED CYKLICKÝM DENNÝM NABÍJANÍM A VYBIJANÍM** po dobu, kým stavba nie je dokončená. Po neprerušenom 24hod nabíjaní batérie inštalačný mód končí a spustí sa **TEST AUTONÓMNOSTI** (1hod alebo 3hod, žltá LED bliká). Po teste autonómnosti sa svietidlo prepne automaticky **DO NORMÁLNEHO REŽIMU** (zelená LED svieti) a batéria je nabíjaná ďalších 16hod trvalým prúdom 0,1C. Po tejto perióde je nabíjanie automaticky prepnuté do **INTERMITTENT MÓDU** (44s nabíjanie prúdom 0,1C a 9min bez nabíjania = **PREDLŽUJE ŽIVOTNOSŤ BATÉRIE**).





## • EFFICIENT LEDs >150lm/W

- Účinné a výkonné LED >150lm/W



All PREMIUM Line emergency lighting fixtures are equipped with the latest MidPower LEDs with the efficiency up to 150lm/W. With the most advanced electronics it makes the fixture high efficient and saves you the operating costs.

Všetky núdzové svietidlá rady PREMIUM sú vybavené MidPower LED s účinnosťou až 150lm/W, čo spolu s pokročilou elektronickou jednotkou robí svietidlo vysoko účinným a znižuje vám prevádzkové náklady.

## • LONGLIFE LEDs >100.000h

- Dlhoživotné LED >100000hod



All PREMIUM Line emergency lighting fixtures are equipped with the latest MidPower LEDs with the lifetime more than 100.000h. Thanks to this the service/maintenance costs are very low.

Všetky núdzové svietidlá rady PREMIUM sú vybavené MidPower LED so životnosťou viac ako 100000hod, čo výrazne znižuje potrebné náklady na servis a údržbu.

## • LONGLIFE BATTERY

- Dlhoživotná NiMh batéria



All PREMIUM Line fixtures are equipped with the LONGLIFE NiMh or LIFEPO4 battery. The battery management is ensured by the most advanced electronics which controls all key parameters for charging and discharging.

It saves you the service/maintenance costs.

Všetky núdzové svietidlá rady PREMIUM sú vybavené dlhživotnou NiMh alebo LIFEPO4 batériou. Jej manažment je zabezpečený pokročilou elektronikou, ktorá riadi a sleduje všetky hlavné funkcie a parametre nabíjania a vybíjania. Vďaka tomu sú náklady na údržbu a servis veľmi nízke.

## • INSTALLATION MODE

- Inštalačný mód



The installation mode protects the battery after the fixture installation. The emergency mode is blocked until the fixture is connected to the 230V mains min. 24h without any interruption. Thanks to this the frequent battery charging/discharging during the building construction period is eliminated and the battery life time is extended.

Inštalačný mód je ochranná funkcia, ktorá sa spúšťa automaticky po prvom pripojení svietidla k sieti a nedovoľuje spustenie núdzového módu svietidla skôr, ako je svietidlo pripojené k sieti 230V a tým nabíjaná batéria min. 24hod bez prerušenia. To chráni batériu pred cyklickým denným nabíjaním a vybíjaním najmä ak stavba ešte nie je dokončená. Vďaka tejto funkcii je batéria chránená a predlžuje sa jej životnosť.

## • INTELLIGENT CHARGING

- Inteligentné nabíjanie



All PREMIUM Line fixtures are equipped with advanced INTERMITTENT CHARGING method. Thanks to this the battery lifetime is markedly extended and service and maintenance costs are low.

Všetky núdzové svietidlá rady PREMIUM sú vybavené pokročilou metódou nabíjania akumulátora - prerušované nabíjanie (INTERMITTENT CHARGING), čím je životnosť batérie výrazne predĺžená a náklady na servis a údržbu sú nízke.

## • ECO MODE 10%-100%

- ECO mód 10%-100%



The DIP Switch allows you during the fixture installation to preset the different lighting levels for the pictogram illumination during the maintained mode (10%-100%). The illumination of pictogram depends on the ambient light level. If the ambient lighting level is lower then also the fixture power can be lower which allows you to save the energy.

DIP prepínač umožňuje počas inštalácie svietidla prednastaviť požadovú úroveň výkonu pre osvetlenie piktogramu svietidla v normálnom režime na rôzne úrovne (10%-100%) podľa hladiny okolitého osvetlenia. Ak je úroveň okolitého osvetlenia nižšia, tak aj výkon svietidla na osvetlenie piktogramu môže byť nižší a tým sa šetrí elektrická energia.

## • ENERGY SAVING MODE

- "Energy saving" mód



The DIP Switch allows you to preset during the fixture installation the different light output levels during emergency mode. Either full power to cover 1lx area or to reach illumination of the pictogram with a luminance level of 200cd/m² if it is required or reduced power to illuminate only the pictogram on the level 2cd/m² specified by EN.

Počas inštalácie svietidla umožňuje DIP prepínač prednastaviť požadovaný výkon svietidla v núdzovom režime na rôzne úrovne podľa toho, či je svietidlo určené na osvetlenie únikovej cesty (bez pikto) alebo na dosiahnutie osvetlenia piktogramu na úrovni 200cd/m² alebo len pre osvetlenie piktogramu na úrovni 2cd/m² podľa EN

## • POWER FACTOR >0.9

- Power faktor >0,9



All PREMIUM Line emergency lighting fixtures are equipped with the most advanced electronics which achieves the power factor even > 0.9

Všetky núdzové svietidlá rady PREMIUM sú vybavené pokročilou elektronickou jednotkou, ktorá dosahuje úroveň power faktor až >0,9

## • DIP SWITCH

- DIP SWITCH



The DIP Switch allows during the fixture installation to preset all: different lighting levels in maintained mode (ECO mode), in emergency mode (ENERGY Saving), INSTALLATION mode ON/OFF, the bottom LEDs activation during the maintained mode (only PRIMALUX and TRENDLUX).

DIP prepínač umožňuje nastaviť počas inštalácie svietidla rôzne úrovne výkonu v normálnom režime (ECO mode), v núdzovom režime (ENERGY Saving), aktiváciu INSTALLATION módu, aktiváciu prídavných LED aj v normálnom režime (len pre PRIMALUX a TRENDLUX).

Premium Line  
Design Features

## C.EVOLUX2 LED MULTIEVO2 LED



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Progresívny svetelný zdroj s perfektnou distribúciou svetla je vybavený dlhoživotnými LED (min 100000 hod) s účinnosťou 150lm/W



Both the mirror-effect >94% reflector shape and body shape ensure perfect lighting characteristics. Thanks to the wide lighting distribution curves you need less SEC emergency lighting fixtures then the standard ones to achieve 1lx even emergency lighting illumination level.

Geometria vysokolešteného >94% hliníkového reflektoru a telesa svietidla zaručujú dokonalé sveteleno-technické parametre svietidla. Vďaka širokej krivke svietivosti je potrebný menší počet svietidiel pre dosiahnutie rovnomerného osvetlenia v porovnaní s bežnými svietidlami.



Perfect Modern Orientated Shape allowing you to use it in all kind of applications

Perfektný tvar telesa svietidla ho predurčuje k použitiu v moderných interiéroch súčasnosti



Linear Fresnel Lens

Lineárna Fresnelova šošovka



**AUTOTEST/CENTRALTEST**  
(only MULTIEVO-AT/ATXL/ATZB):  
Monitor status by 3x LEDs and TEST button

**AUTOTEST/CENTRALTEST**  
(len MULTIEVO-AT/ATXL/ATZB)  
3x LED pre signalizáciu stavu svetidla  
a TEST tlačítko



There are in total 5 cable entries: 4 side ones  
around the body and 1 from the back side.

Na telese svetidla sa nachádzajú 4x  
prechodky po obvode svetidla a 1x zo zadnej  
strany telesa svetidla.

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 5.7W/6.0VA (CBS)
Protection index	IP40
Viewing distance	28m-39m



**ENERGY SAVING  
ECO MODE  
SET UP**



**2/200  
cd/m<sup>2</sup>**

#### DIP SWITCH FEATURES No.1-4

#### DIP PREPÍNAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

##### NORMAL MODE 230V MAINS

##### EMERGENCY MODE BATTERY

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicator  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**M /  
NM**

**AT /  
ATXL**

#### DIP SWITCH FEATURES No.5-7

#### DIP PREPÍNAČ č.5-7 - FUNKCIE



**INSTALLATION  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT SETTING / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED

**M /  
NM**

**NON-MAINTAINED /  
MAINTAINED  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT SETTING / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED

**AT /  
ATXL**

**AUTOTEST /  
CENTRALTEST  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT SETTING / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS  
230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

#### DIP SWITCH FEATURES No.2-3

#### DIP PREPÍNAČ č.2-3 - FUNKCIE

#### CBS CENTRAL BATTERY VERSIONS

##### CBS CENTRAL BATTERY

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
PLNÝ VÝKON

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50%**

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25%**

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS  
230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny



## C.EVOLUX2 / MULTIEVO2

An elegant design, high efficiency and a pictogram viewing distance range up to 39m - these are the outer features of EVOLUX2 emergency lighting fixture type series. Combined with the qualities of an innovative LED light source - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Elegantný design, vysoká účinnosť a rozpoznateľnosť piktogramu až 39m - to sú extra vlastnosti typovej rady EVOLUX2. V kombinácii s kvalitami inovatívneho LED svetelného zdroja - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svetidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. EVOLUX2 dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 5.7W/6.0VA (CBS)
Protection index	IP40
Viewing distance	28m-39m



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h



### C.EVOLUX2-P LED MULTIEVO2-P-AT LED

brightens escape routes at every step and turn

Wall or ceiling mounting LED emergency luminaire for escape route lighting in accordance with EN1838  
Maximum luminaire spacing: up to 14,8m>1lx

LED núdzové svetidlo pre montáž na stenu alebo strop pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozstup svetidiel: až 14,8m>1lx



### C.EVOLUX2-P LED (with ISO7010 pictogram in AL frame) MULTIEVO2-P-AT LED (with ISO7010 pictogram in AL frame)

escape sign luminaire

LED AL frame legend escape sign emergency luminaire in accordance with EN1838  
Legend luminance: >500cd/m<sup>2</sup> (white)  
Viewing distance: 28m

LED núdzové svetidlo s piktogramom v AL rámku (v súlade s EN1838)  
Jas piktogramu: >500cd/m<sup>2</sup> (biela)  
Rozpoznateľnosť piktogramu: 28m



### C.EVOLUX2-P LED (with self-adhesive picto) MULTIEVO2-P-AT LED (with self-adhesive picto)

escape sign luminaire

LED escape sign emergency luminaire in accordance with EN1838 (self-adhesive pictogram)  
Legend luminance: >500cd/m<sup>2</sup> (white)  
Viewing distance: 39m

LED núdzové svetidlo so samolepiacim piktogramom (v súlade s EN1838)  
Jas piktogramu: >500cd/m<sup>2</sup> (biela)  
Rozpoznateľnosť piktogramu: 39m

## C.EVOLUX2-LED / MULTIEVO2-LED

### C.EVOLUX2-V LED MULTIEVO2-V-AT LED

escape route anti-panic lighting

Recessed mounting LED emergency anti-panic luminaire in accordance with EN1838  
Maximum luminaire 1x spacing: up to 14,8m>1x

LED núdzové svietidlo pre montáž do stropu pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel na 1x: až 14,8m>1x



### C.EVOLUX2-PP LED MULTIEVO2-PP-AT LED

escape sign & escape route anti-panic lighting

Ceiling mounting LED emergency anti-panic luminaire in combination  
with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m

Maximum luminaire 1x spacing: up to 14,8m>1x

LED núdzové svietidlo pre montáž na strop v kombinácii so závesným plexi  
s piktogramom pre osvetlenie únikovej cesty v súlade s EN1838  
Rozoznatelnosť piktogramu: 34m  
Maximálny rozostup svietidiel na 1x: až 14,8m>1x



### C.EVOLUX2-PP LED MULTIEVO2-PP-AT LED

escape sign with AL frame

Ceiling mounting LED emergency escape sign luminaire  
with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m

LED núdzové svietidlo pre montáž na strop  
so závesným plexi s piktogramom súlade s EN1838  
Rozoznatelnosť piktogramu: 34m



### C.EVOLUX2-VP LED MULTIEVO2-VP-AT LED

escape sign & escape route anti-panic lighting

Recessed mounting LED emergency anti-panic luminaire in combination  
with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m

Maximum luminaire 1x spacing: up to 14,8m>1x

LED núdzové svietidlo pre montáž do stropu v kombinácii so závesným plexi  
s piktogramom pre osvetlenie únikovej cesty v súlade s EN1838  
Rozoznatelnosť piktogramu: 34m  
Maximálny rozostup svietidiel na 1x: až 14,8m>1x



### C.EVOLUX2-VP LED MULTIEVO2-VP-AT LED

escape sign with AL frame

Recessed mounting LED emergency escape sign luminaire  
with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m

LED núdzové svietidlo pre zapustenú montáž do stropu  
so závesným plexi s piktogramom súlade s EN1838  
Rozoznatelnosť piktogramu: 34m

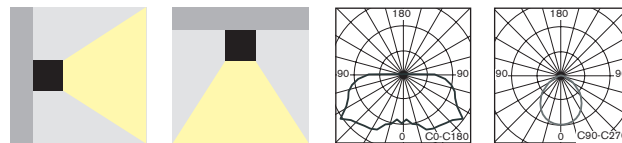
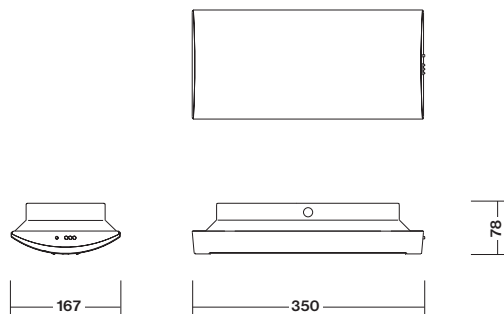


## C.EVOLUX2-P LED / MULTIEVO2-P LED



### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



• **NEW Generation** of exquisite design surface mounted powerful LED equipped fixture with perfect light distribution for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.166)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

• **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT) alebo **DALI**,
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.166)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 170)

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC

### STANDARD FEATURES

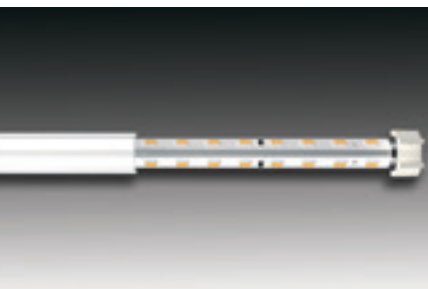
### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181-183)
- **Intelligent battery charging** (intermittent charging, look up page No.181-183)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181-183)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures + TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181-183)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181-183)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.182-183)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

### OPTIONAL ACCESSORIES

### PRIPLATKY

- Pictograms / Legends (look up page No.188)
- Wall or ceiling mounting brackets (look up page No.188)
- Protective steel cage (look up page No.188)
- samolepiace alebo fóliové piktogramy s AL rámkom (pozri str.188)
- nástenná, stropná alebo stropná závesná konzola (pozri str.188)
- ochranný kovový kôš (pozri str.188)



Most Advanced Twin "V" shaped LED light source for perfect light distribution  
Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional AL Frame with + Foil Legends  
Priplatkový AL rámk s piktogramom (look up also page No.188)



Optional Self-adhesive Legends  
Priplatkové samolepiace piktogramy (look up also page No.188)



Optional Brackets and Protective Cage  
Priplatková kozoly a ochranná mreža (look up also page No.188)



**C.EVOLUX2-P LED / MULTIEVO2-P LED**

Page No.162

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-AT.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-001-01-00-00	1,5 kg
MULTIEVO2-P-AT.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-001-04-00-00	1,5 kg
MULTIEVO2-P-AT.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-002-02-00-00	1,6 kg

**DALI**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-DALI.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 6,0V/4,0Ah	290-B-008-02-00-00	1,7 kg

Page No.166

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-003-01-00-00	1,6 kg
MULTIEVO2-P-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-003-04-00-00	1,6 kg
MULTIEVO2-P-ATXL.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-004-02-00-00	1,7 kg

Page No.168

**CENTRALTEST -ATZB ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-ATZB.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-008-01-00-00	1,6 kg
MULTIEVO2-P-ATZB.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-009-02-00-00	1,7 kg

Page No.174

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P 230V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-006-00-00-00	1,2 kg
C.EVOLUX2-P 24V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-007-00-00-00	1,2 kg

Page No.170

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	480 lm	290-B-005-00-00-00	1,2 kg

Look up pages No. 328-335 for 1x Spacing tables

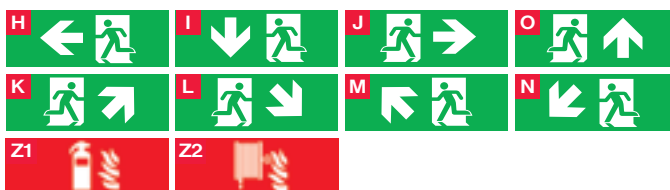
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1x

## C.EVOLUX2-P LED/MULTIEVO2-P LED



- Foil based legend + AL cover frame (click system) complying ISO7010
- Viewing Distance: 28m
- Legend luminance > 500cd/m<sup>2</sup> (white)
- fóliový piktogram + krycí AL rámk („klik“ systém) v súlade s ISO7010
- rozoznatelnosť piktogramu: 28m
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil picto „H“+AL Frame / pikto fólia „H“+rámk	102-B-00-52-01
Foil picto „I“+AL Frame / pikto fólia „I“+rámk	102-B-00-48-01
Foil picto „J“+AL Frame / pikto fólia „J“+rámk	102-B-00-50-01
Foil picto „K“+AL Frame / pikto fólia „K“+rámk	102-B-00-55-01
Foil picto „L“+AL Frame / pikto fólia „L“+rámk	102-B-00-56-01
Foil picto „M“+AL Frame / pikto fólia „M“+rámk	102-B-00-53-01
Foil picto „N“+AL Frame / pikto fólia „N“+rámk	102-B-00-54-01
Foil picto „O“+AL Frame / pikto fólia „O“+rámk	102-B-00-59-01
Foil picto „Z1“+AL Frame / pikto fólia „Z1“+rámk	102-B-00-70-00
Foil picto „Z2“+AL Frame / pikto fólia „Z2“+rámk	102-B-00-71-00



- Self-adhesive legend complying ISO7010
- Viewing Distance 39m
- Legend luminance > 500cd/m<sup>2</sup> (white)
- samolepiaci piktogram v súlade s ISO7010
- rozoznatelnosť piktogramu 39m
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / objednávací kód
Self-adhesive „H“ / samolepiaci piktogram „H“	V-102-SAM-01-00-04
Self-adhesive „I“ / samolepiaci piktogram „I“	V-102-SAM-01-00-05
Self-adhesive „J“ / samolepiaci piktogram „J“	V-102-SAM-01-00-06
Self-adhesive „O“ / samolepiaci piktogram „O“	V-102-SAM-01-00-92
Self-adhesive „Z1“ / samolepiaci piktogram „Z1“	V-102-SAM-01-00-136
Self-adhesive „Z2“ / samolepiaci piktogram „Z2“	V-102-SAM-01-00-36



### Options:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

### Príplatky:

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Príplatok	Order Code / objednávací kód
Wall mounting bracket / nástenná konzola	102-B-01-09-01
Ceiling mounting bracket / stropná konzola	102-B-01-08-01
Pendant bracket 0,5m / závesná konzola 0,5m	102-B-28-02-00
Pendant bracket 1,0m / závesná konzola 1,0m	102-B-28-03-00
Pendant bracket 1,5m / závesná konzola 1,5m	102-B-28-04-00
Protective steel cage / ochranný kôš	102-B-00-29-00



## C.EVOLUX2-P LED / MULTIEVO2-P LED

Shopping area emergency lighting application



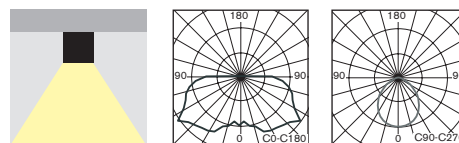
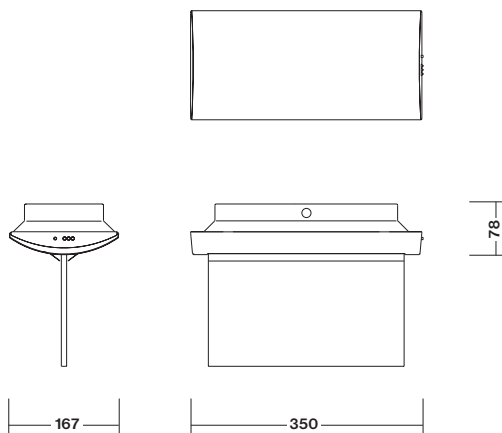


## C.EVOLUX2-PP LED / MULTIEVO2-PP LED



### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



- **NEW Generation** of exquisite design surface mounted powerful LED equipped fixture with perfect light distribution ready for suspended plexi legend
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.166)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (look up page No. 174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up page No. 170)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

- **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.166)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str. 174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 170)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

- konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC

### STANDARD FEATURES

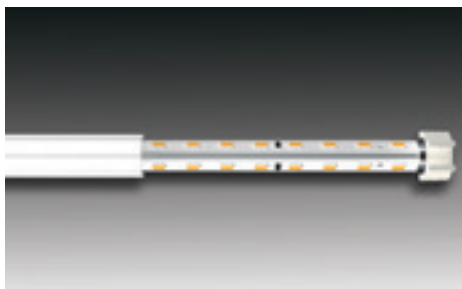
### ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181-183)
- **Intelligent battery charging** (intermittent charging, look up page No.181-183)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181-183)
  - **ENERGY Saving Mode** (photo illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181-183)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181-183)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181-183)
  - **ENERGY Saving Mód** (osvetlenie piko na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

### OPTIONAL ACCESSORIES

### PŘÍPLATKY

- Suspended plexi with double sided or single sided legends (look up page No.194)
- Suspended mounting ceiling brackets (look up page No.194)
- AL cover frame for light beam direction to the plexi with legend (look up page No.194)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.194)
- stropná závesná konzola (pozri str.194)
- hliníkový rámik pre nasmerovanie svetla len do plexi hrany (pozri str.194)



Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency  
Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional Suspended Plexi Legends and AL Frame  
Příplatkové závesné plexi s piktogramom a AL rámik (look up also page No.194)



Optional Brackets  
Příplatkové konzoly (look up also page No.194)

**C.EVOLUX2-PP LED / MULTIEVO2-PP LED**

Page No.162

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-AT.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-100-01-00-00	1,5 kg
MULTIEVO2-PP-AT.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-100-04-00-00	1,5 kg
MULTIEVO2-PP-AT.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-101-02-00-00	1,6 kg

**DALI**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-DALI.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 6,0V/4,0Ah	290-B-108-02-00-00	1,7 kg

Page No.166

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-102-01-00-00	1,6 kg
MULTIEVO2-PP-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-102-04-00-00	1,6 kg
MULTIEVO2-PP-ATXL.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-103-02-00-00	1,7 kg

Page No.168

**CENTRALTEST -ATZB ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-ATZB.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-108-01-00-00	1,6 kg
MULTIEVO2-PP-ATZB.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-109-02-00-00	1,7 kg

Page No.174

**CENTRAL BATTERY (CBS)**

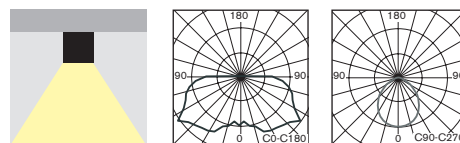
Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-PP 230V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-106-00-00-00	1,2 kg
C.EVOLUX2-PP 24V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-107-00-00-00	1,2 kg

Page No.170

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-PP-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	480 lm	290-B-104-00-00-00	1,2 kg

Look up pages No. 328-335 for 1x Spacing tables  
 Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1x

**C.EVOLUX2-VP-LED / MULTIEVO2-VP-LED**

- **NEW Generation** of exquisite design recessed mounted powerful LED equipped fixture with perfect light distribution ready for suspended plexi legend
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT) or **DALI**,
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up also page 166)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.170)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

- **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT) alebo **DALI**,
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.166)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str. 174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 170)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

- konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

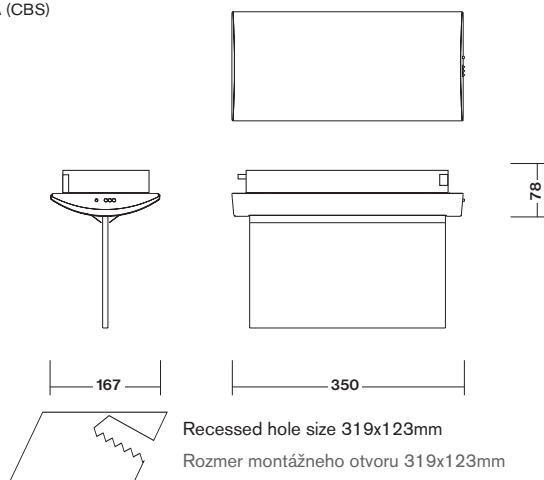
- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181-183)
- **Intelligent battery charging** (intermittent charging, look up page No.181-183)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181-183)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inštalacný mód** (ochrana batérie, pozri aj str.181-183)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181-183)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181-183)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

**OPTIONAL ACCESSORIES****PRÍPLATKY**

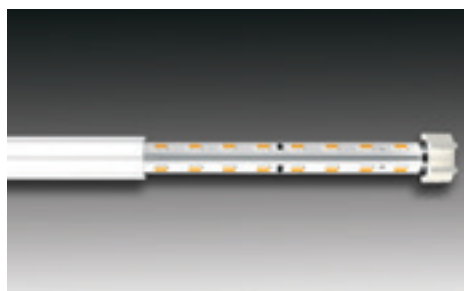
- Suspended plexi with double sided or single sided legends (look up page No.194)
- Suspended mounting ceiling brackets (look up page No.194)
- AL cover frame for light beam direction to the plexi with legend (look up page No.194)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.194)
- stropná závesná konzola (pozri str.194)
- hliníkový rámik pre nasmerovanie svetla len do plexi hrany (pozri str.194)

**Input Power:**

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



Recessed hole size 319x123mm  
Rozmer montážneho otvoru 319x123mm



Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency  
Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional Suspended Plexi with Legends  
Príplatkové závesné plexi s piktogramom (look up also page No.194)



Optional AL cover  
Príplatkový hliníkový kryt (look up also page No.194)



## C.EVOLUX2-VP-LED / MULTIEVO2-VP-LED



Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-AT.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-300-01-00-00	1,5 kg
MULTIEVO2-VP-AT.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-300-04-00-00	1,5 kg
MULTIEVO2-VP-AT.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-301-02-00-00	1,6 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-DALI.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 6,0V/4,0Ah	290-B-308-02-00-00	1,5 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-302-01-00-00	1,6 kg
MULTIEVO2-VP-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-302-04-00-00	1,6 kg
MULTIEVO2-VP-ATXL.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-303-02-00-00	1,7 kg

Page No.168

### CENTRALTEST -ATZB ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-ATZB.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-308-01-00-00	1,6 kg
MULTIEVO2-VP-ATZB.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-309-02-00-00	1,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

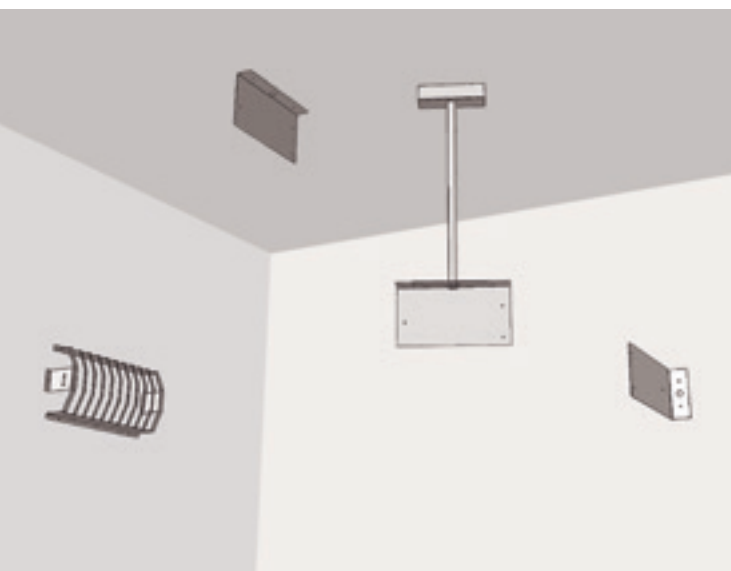
Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-VP 230V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-306-00-00-00	1,2 kg
C.EVOLUX2-VP 24V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-307-00-00-00	1,2 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX

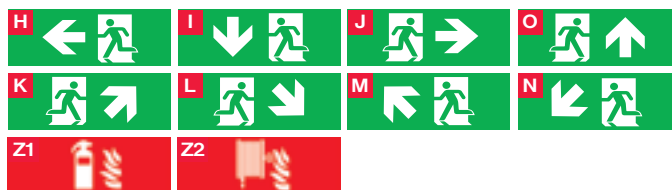
Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-VP-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	480 lm	290-B-304-00-00-00	1,2 kg

Look up pages No. 328-335 for 1x Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1x

**C.EVOLUX2-PP/VP-LED / MULTIEVO2-PP/VP-LED**

- Suspended plexi with single or double sided legend complying ISO7010
- Viewing Distance: 34m
- AL cover frame for light beam direction to the plexi with legend
- závesné plexi s jednostranným alebo obojstranným piktogramom podľa ISO7010
- rozoznatelnosť piktogramu: 34m
- hliníkový krycí rámik pre nasmerovanie svetla len do plexi hrany

Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	102-B-08-11-01
Suspended plexi I doublesided / obojstranné	102-B-08-10-01
Suspended plexi H singlesided / jednostranné	102-B-08-50-00
Suspended plexi I singlesided / jednostranné	102-B-08-51-00
Suspended plexi J singlesided / jednostranné	102-B-08-52-00
Suspended plexi O singlesided / jednostranné	102-B-08-49-00
Suspended plexi O doublesided / obojstranné	102-B-08-47-00
Suspended plexi K/M doublesided / obojstranné	102-B-08-41-01
Suspended plexi L/N doublesided / obojstranné	102-B-08-42-01
Suspended plexi K singlesided / jednostranné	102-B-08-53-00
Suspended plexi L singlesided / jednostranné	102-B-08-54-00
Suspended plexi M singlesided / jednostranné	102-B-08-55-00
Suspended plexi N singlesided / jednostranné	102-B-08-56-00
Suspended plexi Z1 singlesided / jednostranné	102-B-00-57-00
Suspended plexi Z1 doublesided / obojstranné	102-B-00-58-00
Suspended plexi Z2 singlesided / jednostranné	102-B-00-59-00
Suspended plexi Z2 doublesided / obojstranné	102-B-00-60-00
AL cover frame / krycí rámik	102-B-00-27-00

**Options:**

- Wall /Pendant mounting bracket

**Príplatky:**

- nástenná / závesná konzola

Optional Item Príplatok	Order Code Objednávaci kód
Wall mounting bracket / nástenná konzola RAL9003	102-B-01-09-01
Ceiling mounting bracket / stropná konzola RAL9003	102-B-01-08-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9003	102-B-28-02-00
Pendant bracket 0,7m / závesná konzola 0,7m RAL9003	102-B-28-05-00
Pendant bracket 0,7m / závesná konzola 0,7m RAL9006	102-B-28-05-01
Pendant bracket 0,75m / závesná konzola 0,75m RAL9006	102-B-28-08-00
Pendant bracket 1,0m / závesná konzola 1,0m RAL9003	102-B-28-03-00
Pendant bracket 1,5m / závesná konzola 1,5m RAL9003	102-B-28-04-00
Pendant bracket 2,25m /závesná konzola 2,25m RAL9003	102-B-28-07-00
Pendant bracket 2,75m /závesná konzola 2,75m RAL9006	102-B-28-11-00
Pendant bracket 3m /závesná konzola 3m RAL9006	102-B-28-10-00
Pendant bracket 3,5m /závesná konzola 3,5m RAL9006	102-B-28-12-00



## C.EVOLUX2-PP/VP-LED / MULTIEVO2-PP/VP-LED

Shopping area emergency lighting application





## Premium Line

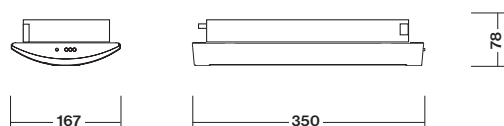
Recessed Mounted Emergency Luminaire ready for suspended plexi with legend

# C.EVOLUX2-V-LED / MULTIEVO2-V-LED

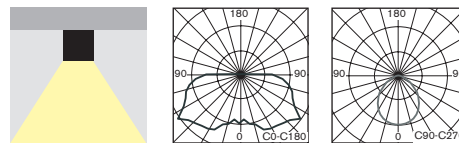


### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



Recessed hole size 319x123mm  
Rozmer montážneho otvoru 319x123mm



- **NEW Generation** of exquisite design recessed mounted powerful LED equipped fixture with perfect light distribution
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT) or **DALI**,
  - **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.166)
  - **Wireless CENTRALTEST** (-ATZB) for ELMAX-ATZB system (page No.168)
  - **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (look up also page No.174)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Anodized AL base
  - PC impact resistant diffuser
- **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT) alebo **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-ATZB systém (str.168)
  - **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str.170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z eloxovaného hliníku
  - svetelno-činný kryt z nerozbitného PC

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+183)
- **Intelligent battery charging** (intermittent charging, look up page No.181+183)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+183)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up pageNo.181+183)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inšalačný mód** (ochrana batérie, pozri aj str.181+183)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+183)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, for more details look up page No.181+183)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181+183)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency

Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



## C.EVOLUX2-V-LED / MULTIEVO2-V-LED



Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-AT.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-200-01-00-00	1,5 kg
MULTIEVO2-V-AT.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-200-04-00-00	1,5 kg
MULTIEVO2-V-AT.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-201-02-00-00	1,6 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-DALI.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 6,0V/4,0Ah	290-B-208-02-00-00	1,5 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-202-01-00-00	1,6 kg
MULTIEVO2-V-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-202-04-00-00	1,6 kg
MULTIEVO2-V-ATXL.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-203-02-00-00	1,7 kg

Page No.168

### CENTRALTEST -ATZB ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-ATZB.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	290-B-208-01-00-00	1,6 kg
MULTIEVO2-V-ATZB.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	290-B-209-02-00-00	1,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-V 230V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-206-00-00-00	1,2 kg
C.EVOLUX2-V 24V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	290-B-207-00-00-00	1,2 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-V-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	480 lm	290-B-204-00-00-00	1,2 kg

Look up pages No. 328-335 for 1x Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1x

## C.TRENDLUX2-LED / MULTITREND2-LED



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Modern but impact resistant design based on high quality polycarbonate housing which enhances the functional aspects of TRENDLUX type serie which can be used either in any office or industry application. Combined with the qualities of an innovative LED light source (extra-long service life at constant light output) this escape sign luminaire boasts a special talent for low operating costs.

Moderný nadčasový design vychádzajúci z kvalitného materiálu telesa svietidla - PC polykarbonát, ktorý ešte viac znásobuje funkčné vlastnosti a možnosti použitia svietidiel typovej rady TRENDLUX od "office" až po "industry" aplikácie. V kombinácii s kvalitami inovatívneho LED svetelného zdroja (extra dlhá životnosť pri konštantnom svetelnom výkone) sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady.

**Lux  
Design**



Additional 2pcs of Power LEDs which arrange perfect light distribution downward in order to get more light on the floor for wall mounting version. Or in case of legend on the diffuser the additional LEDs will arrange enough light level on the floor below the fixture.

Prídavné 2 výkonné LED, ktoré zabezpečujú výkonné osvetlenie podlahy v prípade montáže na stenu, čo môže byť s výhodou použité aj v kombinácii s piktogramom. Tri LED nasvetia piktogram, spodné 2 LED zabezpečia nasvetlenie únikovej cesty na dosiahnutie 1lx.

**AUTOTEST/CENTRALTEST**  
Monitor status by 3x LEDs  
and TEST button

**AUTOTEST/CENTRALTEST**  
3x LED pre signalizáciu stavu  
svietidla a TEST tlačítko

There are in total 6 cable entries:  
4 side ones around the body  
and 2 from the back side.

Na telese svietidla sa nachádzajú 4 prechodky po obvode svietidla a 2 zo zadnej strany telesa svietidla.



## C.TRENDLUX2-LED / MULTITREND2-LED



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	35m
Application	Escape route lighting
Max luminaire spacing	up to <b>12,7m &gt; 1lx</b>



**ENERGY SAVING  
ECO MODE  
SET UP**



**2/200  
cd/m<sup>2</sup>**

### DIP SWITCH FEATURES No.1-4 / DIP PREPINAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE  
230V MAINS**

**EMERGENCY  
BATTERY MODE**

**+2xLED  
BOTTOM LEDs  
ACTIVATION**

ON OFF 1 2 3 4 5 6 7 8

**+2xBOTTOM LEDs ACTIVATION in 230V**  
ON - ACTIVATED  
OFF - DEACTIVATED

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**INSTALLATION  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



**NON-MAINTAINED /  
MAINTAINED  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



**AUTOTEST /  
CENTRALTEST  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

**CBS CENTRAL  
BATTERY**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
PLNY VÝKON

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50%**

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25%**

ON OFF 1 2 3 4 5 6 7 8

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

**L1' Input**

ON OFF 1 2 3 4 5 6 7 8

**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDs CONTROL  
OFF - DIMMING

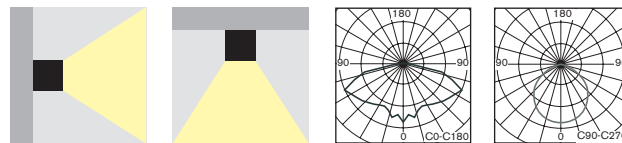
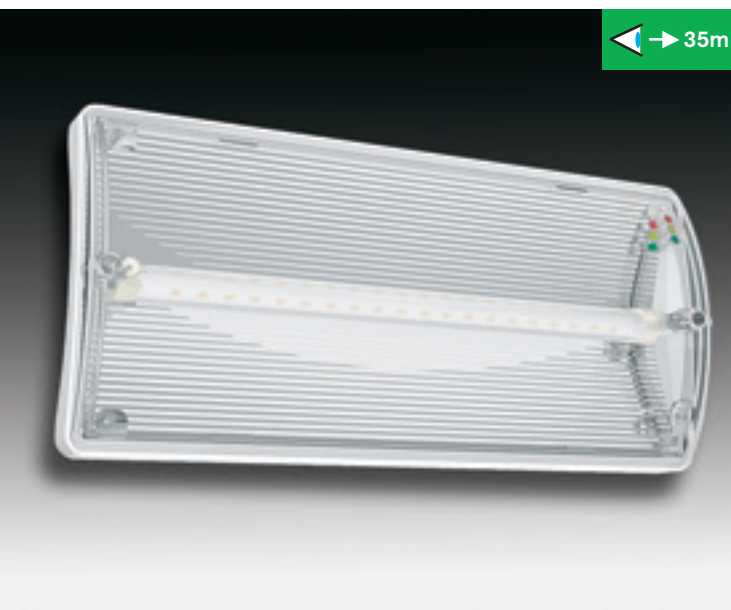
**L1' Logic**

ON OFF 1 2 3 4 5 6 7 8

**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

**C.TRENDLUX2-LED / MULTITREND2-LED**

• **NEW Generation** of Equisite solid design surface or semi-recessed mounted powerful LED fixture with perfect light distribution for all non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
- **CENTRAL BATTERY** (C.TRENDLUX) for **non-addressable CBS** (page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)

• Conforming to the requirement of EN60598-2-22, EN1838, EN62034  
• Design: Mirror effect AL reflector & PC impact resistant body

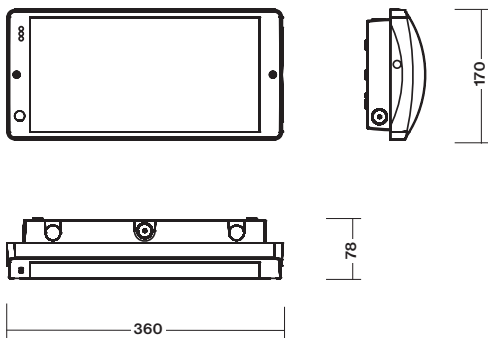
• **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT) alebo **DALI**,
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **CENTRAL BATTERY** (C.TRENDLUX) pre **neadresovateľné CBS** (str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034  
• konštrukcia: vysokoleštený AL reflektor a teleso z nerozbitného PC

**Input Power:**

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,3W/ 6,5VA (CBS)

**STANDARD FEATURES****STANDARDNÁ VÝBAVA**

- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape route illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+199)
- **Intelligent battery charging** (intermittent charging, look up page No.181+199)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+199)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.181)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button

- **vysoko účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+199)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+199)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+199)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

**OPTIONAL ACCESSORIES****PRIPLATKY**

- Non-adhesive legends + Mounting brackets (look up page No.202)
- fóliové piktogramy a montážne konzoly (pozri str.202)



Optional Foil Legends  
Priplatkový piktogram  
(look up also page No.202)



Optional Semi-recessed accessories  
Priplat.príslu. pre polozapust. montáž  
(look up also page No.202)

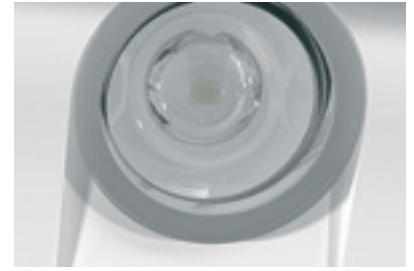


Optional Brackets  
Priplatkové konzoly  
(look up also page No.202)



Optional Protective Cage  
Priplatková ochranná mreža  
(look up also page No.202)

## C.TRENDLUX2-LED / MULTITREND2-LED



All "+2xLED" version are equipped with 2 additional Power LEDs which arrange perfect light distribution downward in order to get more light on the floor for wall mounting version. Or in case of legend on the diffuser the additional LEDs will arrange enough light level on the floor below the fixture.

Všetky "+2xLED" verzie sú vybavené 2 prídavnými výkonnými LED, ktoré zabezpečujú osvetlenie podlahy v prípade montáže svietidla na stenu (napr nad dvere), čo môže byť s výhodou použité aj v kombinácii s piktogramom. Hlavné LED nasvetia piktogram (smer únikovej cesty), spodné 2 LED zabezpečia nasvetlenie únikovej cesty na dosiahnutie 1lx.

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-AT.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-300-01-00-00	1,6 kg
MULTITREND2-AT.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-300-04-00-00	1,6 kg
MULTITREND2-AT.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-301-02-00-00	1,7 kg
MULTITREND2-AT+2xLED.1h	NM/M	1h	LED	430+110 lm / 330 lm	NiMh 4,8V/1,1Ah	277-B-302-01-00-00	1,7 kg
MULTITREND2-AT+2xLED.1h	NM/M	1h	LED	430+110 lm / 330 lm	LiFePo4 6,4V/1,0Ah	277-B-302-04-00-00	1,7 kg
MULTITREND2-AT+2xLED.3h	NM/M	3h	LED	430+110 lm / 330 lm	NiMh 4,8V/3,0Ah	277-B-303-02-00-00	1,8 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-DALI.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 6,0V/4,0Ah	277-B-321-02-00-00	1,7 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-ATXL.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-304-01-00-00	1,6 kg
MULTITREND2-ATXL.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-305-02-00-00	1,7 kg
MULTITREND2-ATXL+2xLED.1h	NM/M	1h	LED	430+110 lm / 330 lm	NiMh 4,8V/1,1Ah	277-B-306-01-00-00	1,7 kg
MULTITREND2-ATXL+2xLED.3h	NM/M	3h	LED	430+110 lm / 330 lm	NiMh 4,8V/3,0Ah	277-B-307-02-00-00	1,9 kg

Page No.168

### Wireless CENTRALTEST ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-ATZB.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-316-01-00-00	1,7 kg
MULTITREND2-ATZB.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-317-02-00-00	1,8 kg
MULTITREND2-ATZB+2xLED.1h	NM/M	1h	LED	430+110 lm / 330 lm	NiMh 4,8V/1,1Ah	277-B-318-01-00-00	1,8 kg
MULTITREND2-ATZB+2xLED.3h	NM/M	3h	LED	430+110 lm / 330 lm	NiMh 4,8V/3,0Ah	277-B-319-02-00-00	1,9 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2/230V AC/DC	CBS NON-ADDRESSABLE	LED	500 lm	277-B-312-00-00-00	1,3 kg
C.TRENDLUX2/24V AC/DC	CBS NON-ADDRESSABLE	LED	500 lm	277-B-313-00-00-00	1,3 kg
C.TRENDLUX2+2xLED/230V AC/DC	CBS NON-ADDRESSABLE	LED	500+110 lm	277-B-314-00-00-00	1,4 kg
C.TRENDLUX2+2xLED/24V AC/DC	CBS NON-ADDRESSABLE	LED	500+110 lm	277-B-315-00-00-00	1,4 kg

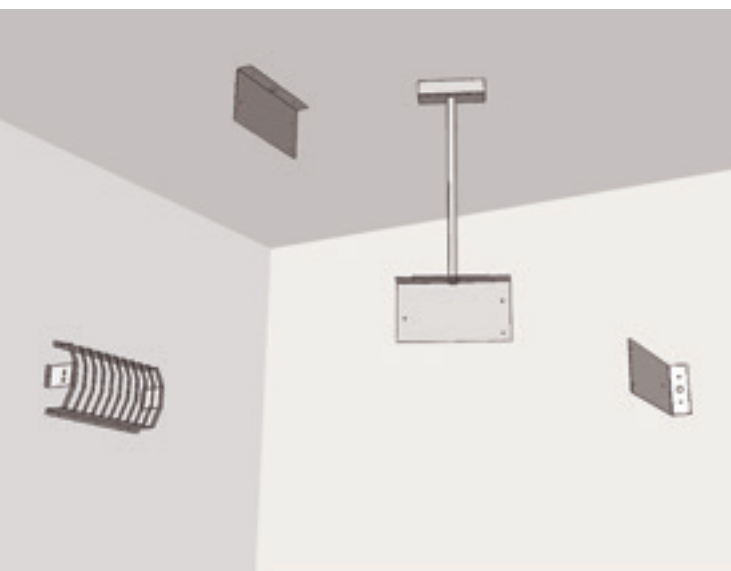
Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-ATXP/230V AC/DC	ATXP CBS ADDRESSABLE	LED	500 lm	277-B-308-00-00	1,3 kg
C.TRENDLUX2-ATXP+2LED/230V AC/DC	ATXP CBS ADDRESSABLE	LED	500+110 lm	277-B-310-00-00	1,5 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx



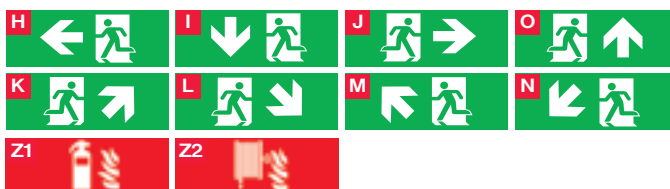
**C.TRENDLUX2-LED / MULTITREND2-LED****Options:**

- Foil legend legend ISO7010 (must be ordered separately, order codes below)
- Viewing Distance: 35m
- Legend luminance >500cd/m<sup>2</sup> (white)

**Príplatky:**

- foliový piktogram podľa ISO7010 (musíte objednať samostatne-vid' obj.kódy nižšie)
- rozoznatelnosť piktogramu: 35m
- jas piktogramu >500cd/m<sup>2</sup> (white)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil legend "H" / pikto fólia typ "H"	277-B-103-01-00
Foil legend "I" / pikto fólia typ "I"	277-B-104-01-00
Foil legend "J" / pikto fólia typ "J"	277-B-105-01-00
Foil legend "K" / pikto fólia typ "K"	277-B-107-01-00
Foil legend "L" / pikto fólia typ "L"	277-B-108-01-00
Foil legend "M" / pikto fólia typ "M"	277-B-109-01-00
Foil legend "N" / pikto fólia typ "N"	277-B-110-01-00
Foil legend "O" / pikto fólia typ "O"	277-B-111-01-00
Foil legend "Z1" / pikto fólia typ "Z1"	277-B-111-07-00
Foil legend "Z2" / pikto fólia typ "Z2"	277-B-111-08-00

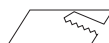
**Options:**

- Semi-recessed mounting accessories

**Príplatky:**

- výbava pre polozapustenú montáž do stropu

Optional Item / Príplatok	Order Code / Objednávaci kód
Semi-recessed mouting accessories	277-B-210-01-00
Výbava pre polozapustenú montáž do stropu	277-B-210-01-00



**Recessed version mounting hole: 320x152 mm**  
Rozmer montážneho otvoru: 320x152 mm

**Options:**

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

**Príplatky:**

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Príplatok	Order Code / objednávací kód
Wall mounting bracket / nástenná konzola	277-B-200-01-00
Ceiling mounting bracket / stropná konzola	277-B-201-01-00
Pendant bracket 0,5m / závesná konzola 0,5m	277-B-202-01-00
Pendant bracket 1,0m / závesná konzola 1,0m	277-B-203-01-00
Pendant bracket 1,5m / závesná konzola 1,5m	277-B-204-01-00
Protective stell cage / ochranný kôš	277-B-205-01-00

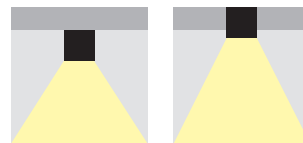
## C.TRENDLUX2-LED / MULTITREND2-LED

Train station area emergency lighting application

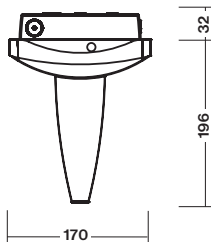
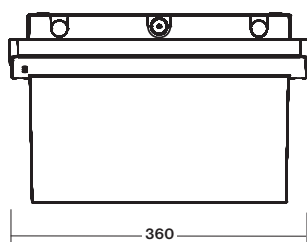


Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	35m



**C.TRENDLUX2-TOP-LED / MULTITREND2-TOP-LED****Input Power:**

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,3W/ 6,5VA (CBS)



- Equisite solid design surface or semi-recessed mounted powerful double-sided LED fixture with perfect light distribution for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT) or **DALI**
  - **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up pages No.166)
  - **Wireless CENTRALTEST** (-ATZB) for ELMAX-ATZB system (page No.168)
  - **CENTRAL BATTERY** (C.TRENDLUX) for **non-addressable CBS** (page No.174)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body
- kompaktné a elegantné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrvané (NM) alebo pre trvalé/netrvané (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT) alebo **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-ATZB systém (str.168)
  - **CENTRAL BATTERY** (C.TRENDLUX) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

**STANDARD FEATURES****STANDARDNÁ VÝBAVA**

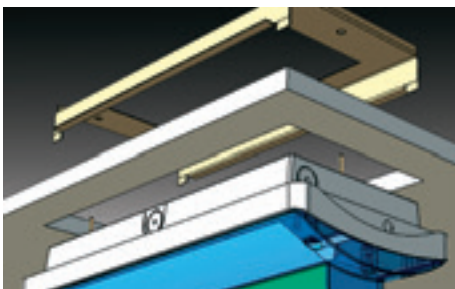
- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+205)
- **Intelligent battery charging** (intermittent charging, look up page No.181+205)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+205)
  - **ENERGY Saving Mode** (photo illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+205)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+205)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+205)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri str.181)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

**OPTIONAL ACCESSORIES****PRÍPLATKY**

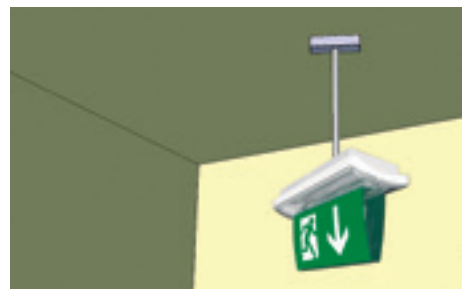
- Non-adhesive legends (look up page No.206)
- Wall mounting or pendant brackets (look up page No.206)
- Semi-recessed mounting accessories (look up page No.206)
- fóliové piktogramy (pozri str.206)
- nástenná alebo stropná závesná konzola (pozri str.206)
- ochranný kovový kôš (pozri str.206)
- príslušenstvo pre polozapustenú montáž do stropu (pozri str.206)



Optional Foil Legends  
Príplatkový piktogram  
(look up also page No.206)



Optional Semi-recessed accessories  
Príplatkové príslušen. pre polozapustenú montáž  
(look up also page No.206)



Optional Brackets  
Príplatkové konzoly  
(look up also page No.206)



## C.TRENDLUX2-TOP-LED / MULTITREND2-TOP-LED



### SELF-CONTAINED BATTERY VERSIONS

NORMAL MODE 230V MAINS	EMERGENCY BATTERY MODE	ON OFF 1 2 3 4 5 6 7 8	DEFFAULT SETT./ PREDNASTAVENÉ Full Power
			<b>ECO MODE 50% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
			<b>ECO MODE 25% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
			<b>ECO MODE 10% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
			<b>ENERGY SAVING (in emerg.mode)</b> LEGEND BRIGHTNESS > 2cd/m² JAS PIKTOGRAMU > 2cd/m²
			<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 50% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²
			<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 25% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²
			<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 10% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²

ON OFF 1 2 3 4 5 6 7 8	DEFFAULT / PREDNASTAVENÉ OFF - ACTIVATED ON - DEACTIVATED
	<b>DEFFAULT / PREDNASTAVENÉ ON - MAINTAINED OFF - NON-MAINTAINED</b>
	<b>DEFFAULT / PREDNASTAVENÉ OFF - AUTOTEST ON - CENTRALTEST</b>

### CBS CENTRAL BATTERY VERSIONS

CBS CENTRAL BATTERY	ON OFF 1 2 3 4 5 6 7 8	FULL POWER LEGEND BRIGHTNESS > 200cd/m² JAS PIKTOGRAMU > 200cd/m²
		<b>ECO MODE 50%</b>
		<b>ECO MODE 25%</b>
		<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m² JAS PIKTOGRAMU > 2cd/m²

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Page No.162

### LED AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-AT.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-400-01-00-00	1,8 kg
MULTITREND2-TOP-AT.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-400-04-00-00	1,8 kg
MULTITREND2-TOP-AT.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-401-02-00-00	1,9 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-DALI.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 6,0V/4,0Ah	277-B-409-02-00-00	1,9 kg

Page No.166

### LED CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-ATXL.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-402-01-00-00	1,9 kg
MULTITREND2-TOP-ATXL.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-402-04-00-00	1,9 kg
MULTITREND2-TOP-ATXL.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-403-02-00-00	2,0 kg

Page No.168

### Wireless CENTRALTEST ELMAX-WIRELESS

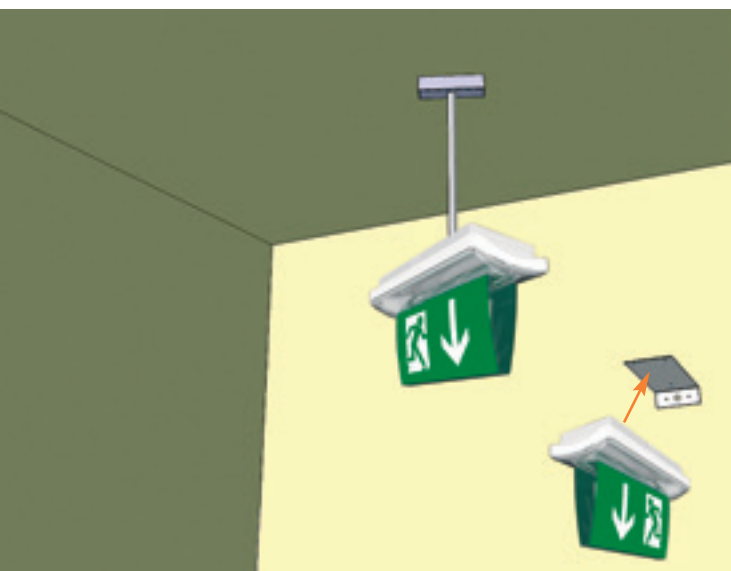
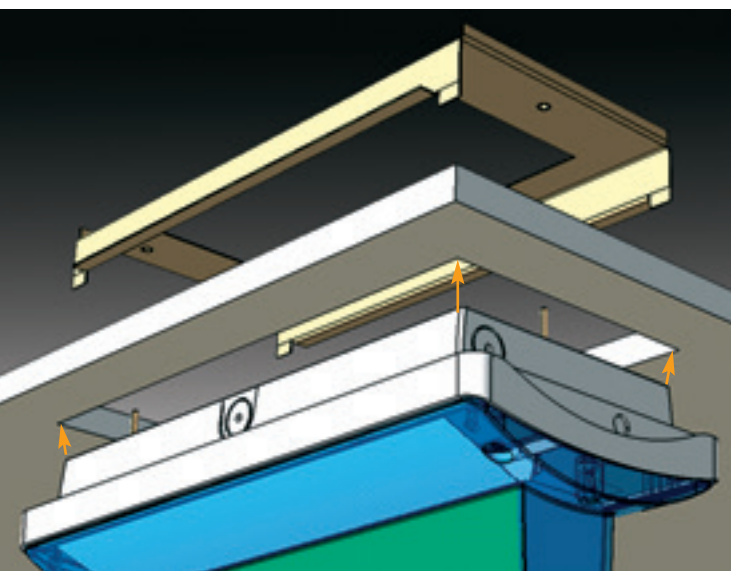
Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-ATZB.1h	NM/M	1h	LED	430 lm / 310 lm	NiMh 4,8V/1,1Ah	277-B-407-01-00-00	1,7 kg
MULTITREND2-TOP-ATZB.3h	NM/M	3h	LED	430 lm / 310 lm	NiMh 4,8V/3,0Ah	277-B-408-02-00-00	1,8 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-TOP/230V AC/DC	CBS NON-ADDRESSABLE	LED	500 lm	277-B-404-00-00-00	1,3 kg
C.TRENDLUX2-TOP/24V AC/DC	CBS NON-ADDRESSABLE	LED	500 lm	277-B-405-00-00-00	1,3 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

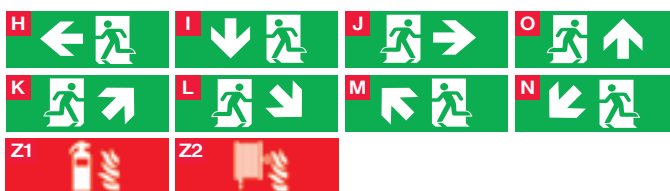
**C.TRENDLUX2-TOP-LED / MULTITREND2-TOP-LED****Options:**

- Foil pictogram/legend complying ISO7010 (must be ordered separately, order codes below)
- Viewing Distance: 35m
- Legend luminance >500cd/m<sup>2</sup> (white)

**Príplatky:**

- foliový piktoqram v súlade s ISO7010 (musí sa objednať samostatne-vid' obj.kódy nižšie)
- rozoznatelnosť piktoqramu: 35m
- jas piktoqramu >500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil legend "H" / pikto fólia typ "H"	277-B-103-01-00
Foil legend "I" / pikto fólia typ "I"	277-B-104-01-00
Foil legend "J" / pikto fólia typ "J"	277-B-105-01-00
Foil legend "K" / pikto fólia typ "K"	277-B-107-01-00
Foil legend "L" / pikto fólia typ "L"	277-B-108-01-00
Foil legend "M" / pikto fólia typ "M"	277-B-109-01-00
Foil legend "N" / pikto fólia typ "N"	277-B-110-01-00
Foil legend "O" / pikto fólia typ "O"	277-B-111-01-00
Foil legend "Z1" / pikto fólia typ "Z1"	277-B-111-07-00
Foil legend "Z2" / pikto fólia typ "Z2"	277-B-111-08-00

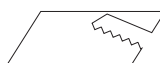
**Options:**

- Semi-recessed mounting accessories

**Príplatky:**

- výbava pre polozapustenú montáž do stropu

Optional Item / Príplatok	Order Code / Objednávaci kód
Semi-recessed mouting accessories	277-B-210-01-00
Výbava pre polozapustenú montáž do stropu	277-B-210-01-00



Recessed version mounting hole: 320x152 mm  
Rozmer montážneho otvoru: 320x152 mm

**Options:**

- Wall / Ceiling Pendant mounting brackets

**Príplatky:**

- nástenná / stropná závesná konzola

Optional Item / Príplatok	Order Code / objednávaci kód
Wall mounting bracket / nástenná konzola	277-B-200-01-00
Pendant bracket 0,5m / závesná konzola 0,5m	277-B-207-01-00
Pendant bracket 1,0m / závesná konzola 1,0m	277-B-208-01-00
Pendant bracket 1,5m / závesná konzola 1,5m	277-B-209-01-00

## C.TRENDLUX2-TOP-LED / MULTITREND2-TOP-LED

Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M)
	2.0W/3.9VA (non-maintained NM)
	6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	35m

Industrail area emergency lighting application



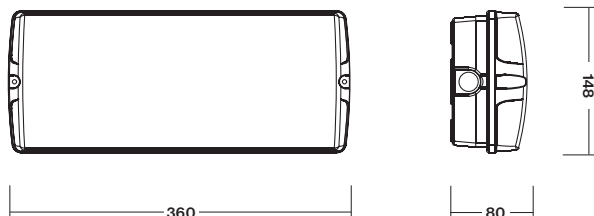


## C.NORMALUX2 / MULTINORMA2

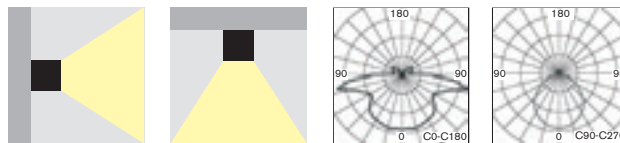


### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h



- **NEW Generation** of solid design surface mounted powerful LED fixture with perfect light distribution for all non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
- **CENTRAL BATTERY** (C.NORMALUX) for **non-addressable CBS** (page 174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body
- **NOVÁ generácia** elegantného výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT) alebo **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.NORMALUX) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+209)
- **Intelligent battery charging** (intermittent charging, look up page No.181+209)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+209)
  - **ENERGY Saving Mode** (picto illumination 2cd/m² or 200cd/m², look up page 181)
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- Set of self-adhesive legends (H+I+J) complying ISO7010
- **vysoko účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+209)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+209)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+209)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m² alebo 200cd/m², pozri aj str.181)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko
- sada samolepiacich piktogramov H+I+J v súlade s ISO7010



### OPTIONAL ACCESSORIES

### PRÍPLATKY

- Suspended plexi with single sided or double sided legend (look up page 212)
- Wall or ceiling mounting brackets (look up page No.212)
- Protective steel cage (look up page No.212)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.212)
- nástenná, stropná alebo stropná závesná konzola (pozri str.212)
- ochranný kovový kôš (pozri str.212)



Optional Suspended plexi with Legends  
Príplatkové závesné plexi s piktogramom  
(look up also page No.212)



Optional Brackets and Protective Steel Cage  
Príplatkové konzoly a ochranná mreža  
(look up also page No.212)

## C.NORMALUX2 / MULTINORMA2



### DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

##### NORMAL MODE 230V MAINS

##### EMERGENCY BATTERY MODE

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**DEFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Application  
BRIGHTNESS > 200cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m²

**INSTALLATION  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED

**M /  
NM** **NON-MAINTAINED /  
MAINTAINED  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED

**AT /  
ATXL** **AUTOTEST /  
CENTRALTEST  
MODE  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**DEFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

#### CBS CENTRAL BATTERY VERSIONS

##### CBS CENTRAL BATTERY

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
PLNÝ VÝKON

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m²  
JAS PIKTOGRAMU > 200cd/m²

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 50%**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 25%**

**1 LUX  
ESCAPE ROUTE  
APPLICATION**

ON OFF 1 2 3 4 5 6 7 8

**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m²  
JAS PIKTOGRAMU > 2cd/m²

**L1' Logic** **L1' FUNCT.  
LOGIC  
SET UP**

ON OFF 1 2 3 4 5 6 7 8

**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA2-AT.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	252-B-100-01-00-00	1,5 kg
MULTINORMA2-AT.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	252-B-100-04-00-00	1,5 kg
MULTINORMA2-AT.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	252-B-101-02-00-00	1,6 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA2-DALI.3h	NM/M	3h	LED	390 lm / 310 lm	NiMh 6,0V/4,0Ah	252-B-108-02-00-00	1,6 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA2-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	252-B-102-01-00-00	1,6 kg
MULTINORMA2-ATXL.1h	NM/M	1h	LED	390 lm / 310 lm	LiFePo4 6,4V/1,0Ah	252-B-102-04-00-00	1,6 kg
MULTINORMA2-ATXL.3h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	252-B-103-02-00-00	1,7 kg

Page No.168

### CENTRALTEST -ATZB ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA2-ATZB.1h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/1,1Ah	252-B-104-01-00-00	1,7 kg
MULTINORMA2-ATZB.3h	NM/M	1h	LED	390 lm / 310 lm	NiMh 4,8V/3,0Ah	252-B-105-02-00-00	1,8 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.NORMALUX2 230V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	252-B-106-00-00-00	1,2 kg
C.NORMALUX2 24V AC/DC	CBS NON-ADDRESSABLE	LED	480 lm	252-B-107-00-00-00	1,2 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

Wall Mounted Emergency Luminaire

## MULTINORMA-LED





Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32/35m

Suspended Bracket Mounted Emergency Luminaire

## MULTINORMA-LED

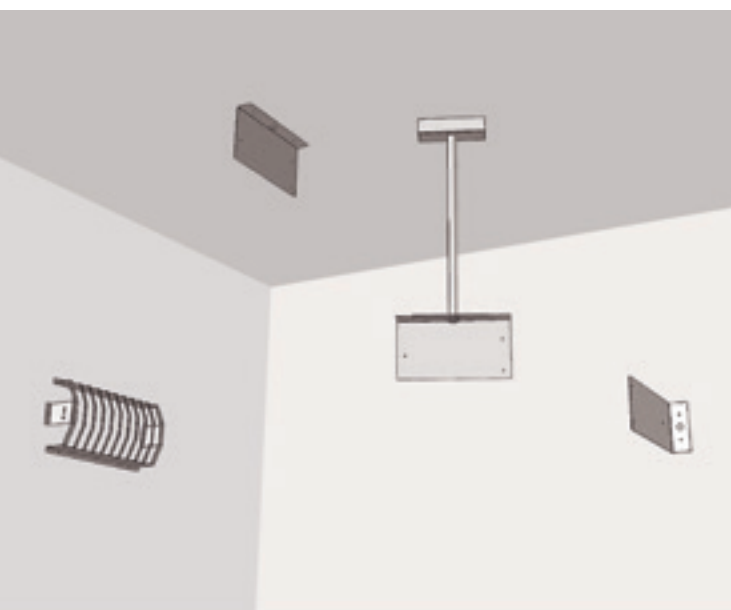
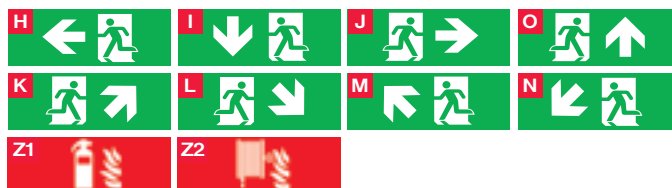


Project:  
Shopping Mall AUPARK  
Bratislava (SK)  
Project by:  
ECO-LOGIC s.r.o.  
[www.ecologic.sk](http://www.ecologic.sk)



- Suspended plexi with single or double sided legend complying ISO7010
- Viewing Distance: 35m
- závesné plexi s jednostranným alebo obojstranným piktogramom v súlade s ISO7010
- rozoznatelnosť piktogramu: 35m

Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	252-B-23-05
Suspended plexi I doublesided / obojstranné	252-B-23-01
Suspended plexi H singlesided / jednostranné	252-B-23-06
Suspended plexi I singlesided / jednostranné	252-B-23-04
Suspended plexi J singlesided / jednostranné	252-B-23-07
Suspended plexi K/M doublesided / obojstranné	252-B-23-08
Suspended plexi L/N doublesided / obojstranné	252-B-23-09
Suspended plexi K singlesided / jednostranné	252-B-23-10
Suspended plexi L singlesided / jednostranné	252-B-23-11
Suspended plexi M singlesided / jednostranné	252-B-23-12
Suspended plexi N singlesided / jednostranné	252-B-23-13
Suspended plexi O singlesided / jednostranné	252-B-23-16
Suspended plexi O doublesided / obojstranné	252-B-23-17
Suspended plexi Z1 doublesided / obojstranné	252-B-23-21
Suspended plexi Z2 doublesided / obojstranné	252-B-23-22

**Options:**

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

**Príplatky:**

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item : Príplatok :	Order Code : objednávaci kód :
Wall mounting bracket / nástenná konzola RAL9003	252-B-22-00
Ceiling mounting bracket / stropná konzola RAL9003	252-B-22-01-01
Ceiling mounting bracket / stropná konzola RAL9006	252-B-22-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9003	252-B-22-12-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9006	252-B-22-12-02
Pendant bracket 0,65m / závesná konz. 0,65m RAL9006	252-B-22-09
Pendant bracket 1,0m / závesná konzola 1,0m RAL9003	252-B-22-10-01
Pendant bracket 1,5m / závesná konzola 1,5m RAL9003	252-B-22-11-01
Protective steel cage / ochranný kôš RAL9003	252-B-22-05



**C.NORMALUX2 / MULTINORMA2**

Parking garage area emergency lighting application

Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M)
	2.0W/3.9VA (non-maintained NM)
	6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32/35m



Project:  
Shopping Mall AUPARK  
Bratislava (SK)  
Project by:  
ECO-LOGIC s.r.o.  
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## C.PRIMALUX / MULTIPRIMA LED

Exclusive modern unobtrusive design based on high quality aluminum frame which enhances aesthetic and functional aspects of PRIMALUX type series. Combined with the qualities of an innovative LED light source - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Exkluzívny moderný nenápadný design vychádzajúci z kvalitného materiálu hliníkového rámu, ktorý ešte viac prehlbuje estetické a funkčné vlastnosti svetidiel typovej rady PRIMALUX. V kombinácii s kvalitami inovatívneho LED svetelného zdroja - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svetidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. PRIMALUX dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>



C.PRIMALUX / MULTIPRIMA-A  
(Page No.216)

### C.PRIMALUX-A / MULTIPRIMA-A escape sign luminaire

- Wall mounting escape sign LED emergency luminaire in accordance with EN1838
- Perfect uniform pictogram illumination
- Viewing distance: 30m
- núdzové svetidlo pre montáž na stenu v súlade s EN1838
- perfektná rovnomernosť osvetlenia piktogramu
- rozoznatelnosť piktogramu: 30m



C.PRIMALUX / MULTIPRIMA-A+2xLED  
(Page No.216)

### C.PRIMALUX-A+2xLED / MULTIPRIMA-A+2xLED

escape sign & escape route lighting (with 2 bottom HighPower LEDs)

- Wall mounting escape sign LED emergency luminaire in accordance with EN1838
- The additional bottom HighPower LEDs turn this fixture into escape sign and escape route/ anti-panic emergency lighting 2in1
- Perfect uniform pictogram illumination
- Maximum luminaire spacing: look up the page No.400
- Viewing distance: 30m
- núdzové svetidlo pre montáž na stenu v súlade s EN1838
- verzia s prídavnými spodnými HighPower LED je perfektnou kombináciou svetidla na vyznačenie smeru / osvetlenie únikovej cesty a anti-panic svetidla
- perfektná rovnomernosť osvetlenia piktogramu
- maximálny rozstup svetidiel: pozri str. 400
- rozoznatelnosť piktogramu: 30m



C.PRIMALUX / MULTIPRIMA-AP  
(Page No.222)



C.PRIMALUX / MULTIPRIMA-APA  
(Page No.222)



C.PRIMALUX / MULTIPRIMA-APB  
(Page No.222)

### C.PRIMALUX-AP/-AV/+2xLED MULTIPRIMA-AP/-AV/+2xLED

escape sign & escape route lighting / anti-panic lighting  
(with additional 2 bottom HighPower LEDs)

- Ceiling mounting double sided escape sign LED emergency luminaire in accordance with EN1838
- The additional bottom HighPower LEDs turn this fixture into escape sign and escape route/anti-panic emergency lighting 2in1
- Perfect uniform pictogram illumination
- Maximum luminaire spacing : up to 18m >1lx
- Maximum room illumination: up to 86m<sup>2</sup> >0.5lx
- Viewing distance: 30m
- núdzové svetidlo pre montáž na strop s obojstranným piktogramom v súlade s EN1838
- verzia s prídavnými spodnými HighPower LED je perfektnou kombináciou svetidla na vyznačenie/ osvetlenie smeru únikovej cesty a anti-panic núdzového svetidla
- perfektná rovnomernosť osvetlenia piktogramu
- maximálny rozstup svetidiel: až 18m>1lx
- maximálna plocha osvetlenia: až 86m<sup>2</sup> >0.5lx
- rozoznatelnosť piktogramu: 30m



C.PRIMALUX / MULTIPRIMA-AV  
(Page No.228)



C.PRIMALUX / MULTIPRIMA-AVA  
(Page No.228)



C.PRIMALUX / MULTIPRIMA-AVB  
(Page No.228)

### **C.PRIMALUX-AP MULTIPRIMA-AP**

**escape sign &  
escape route lighting &  
anti-panic lighting**

(with additional 2 bottom HighPower LEDs)

All ceiling mounting types can be equipped with optional wire rope suspension set suitable for higher ceiling application.

The wire rope suspension set must be ordered as separate item.

Všetky PRIMALUX-AP LED núdzové svietidlá s montážou na strop môžu byť vybavené lankovým závesným setom pre montáž v priestoroch s vyššou vnútornou výškou stropu.

Závesná sada musí byť objednaná ako samostatná položka, ktorá sa montuje na štandardné svietidlo.



C.PRIMALUX / MULTIPRIMA-AP  
+ wire suspension set  
(Page No.223)



C.PRIMALUX / MULTIPRIMA-APA  
+ wire suspension set  
(Page No.223)



C.PRIMALUX / MULTIPRIMA-APB  
+ wire suspension set  
(Page No.223)

### **C.PRIMALUX-AV MULTIPRIMA-AV**

**escape sign &  
escape route lighting &  
anti-panic lighting**

(with 2 bottom HighPower LEDs)

All recessed mounting types can be equipped with the optional wire rope suspension set suitable for higher ceiling application.

The wire rope suspension set must be ordered as separate item.

Všetky PRIMALUX-AV LED núdzové svietidlá s montážou do stropu môžu byť vybavené lankovým závesným setom pre montáž v priestoroch s vyššou vnútornou výškou stropu.

Závesná sada musí byť objednaná ako samostatná položka, ktorá sa montuje na štandardné svietidlo.



C.PRIMALUX / MULTIPRIMA-AV  
+ wire suspension set  
(Page No.229)



C.PRIMALUX / MULTIPRIMA-AVB  
+ wire suspension set  
(Page No.229)



C.PRIMALUX / MULTIPRIMA-AVB  
+ wire suspension set  
(Page No.229)

## C.PRIMALUX-LED / MULTIPRIMA-LED

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



→ 30m/60m

MULTIPRIMA-A / -B



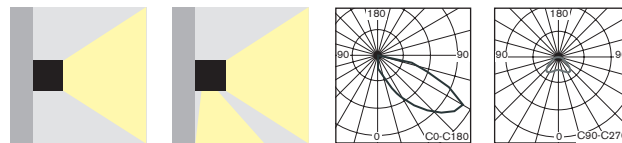
→ 30m

MULTIPRIMA-A+2xLED



### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)



- Exclusive slim design surface mounted fixture for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT) or **DALI**
  - **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
  - **Wireless CENTRALTEST** (-ATZB) for ELMAX-ATZB system (page No.172)
  - **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (look up also page No.178)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Metal sheet base painted in RAL9003 colour
  - Acrylic layered diffuser with legend in anodised AL frame
- "štíhle" elegantné núdzové svetidlo pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT) alebo **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-ATZB systém (str.168)
  - **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z ocelového plechu v bielej farbe RAL9003
  - svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+218)
- **Intelligent battery charging** (intermittent charging, look up page No.181+218)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+218)
  - **ENERGY Saving Mode** (picto illumination 2cd/m² or 200cd/m², look up page 181)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.181)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+218)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+218)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+218)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m² alebo 200cd/m², pozri aj str.181)
  - ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie piktogramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

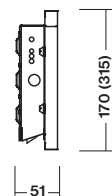
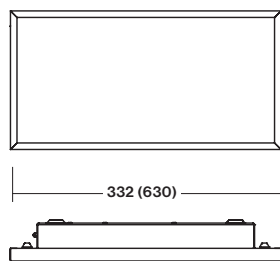


Accessory: Diffuser in AL Frame+Legend  
Príplatkový kryt svetidla v AL ráme+pikto  
(look up also page No.220)



Optional Brackets  
Príplatkové konzoly  
(look up also page No.220)





\* Dimensions in the bracket  
are valid for all "B" versions  
\* rozmery v zátvorke platia pre  
všetky "B" verzie

Premium Line  
Slim Surface Mounted Emergency Luminaire

## C.PRIMALUX-LED / MULTIPRIMA-LED

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-A-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-001-01-00-00	1,6 kg
MULTIPRIMA-A-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-001-04-00-00	1,6 kg
MULTIPRIMA-A-AT.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-002-02-00-00	1,7 kg
MULTIPRIMA-A-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-003-01-00-00	1,7 kg
MULTIPRIMA-A-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-003-04-00-00	1,7 kg
MULTIPRIMA-A-AT+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-004-02-00-00	1,7 kg
MULTIPRIMA-B-AT.1h	NM/M	1h	36xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-005-01-00-00	3,5 kg
MULTIPRIMA-B-AT.3h	NM/M	3h	36xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-006-02-00-00	3,5 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-A-DALI.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/2,1Ah	295-B-028-02-00-00	1,6 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-A-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-007-01-00-00	1,7 kg
MULTIPRIMA-A-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-007-04-00-00	1,7 kg
MULTIPRIMA-A-ATXL.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-008-02-00-00	1,8 kg
MULTIPRIMA-A-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-009-01-00-00	1,8 kg
MULTIPRIMA-A-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-009-04-00-00	1,8 kg
MULTIPRIMA-A-ATXL+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-010-02-00-00	1,8 kg
MULTIPRIMA-B-ATXL.1h	NM/M	1h	36xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-011-01-00-00	3,6 kg
MULTIPRIMA-B-ATXL.3h	NM/M	3h	36xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-012-02-00-00	3,6 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-A-ATZB.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-013-01-00-00	1,7 kg
MULTIPRIMA-A-ATZB.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-014-02-00-00	1,8 kg
MULTIPRIMA-A-ATZB+2xLED.1h	NM/M	1h	18x LED + 2x LED	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-015-01-00-00	1,8 kg
MULTIPRIMA-A-ATZB+2xLED.3h	NM/M	3h	18x LED + 2x LED	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-016-02-00-00	1,8 kg
MULTIPRIMA-B-ATZB.1h	NM/M	1h	36xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-017-01-00-00	3,6 kg
MULTIPRIMA-B-ATZB.3h	NM/M	3h	36xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-018-02-00-00	3,6 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-A 230V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-019-00-00-00	1,3 kg
C.PRIMALUX-A 24V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-020-00-00-00	1,3 kg
C.PRIMALUX-A+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-021-00-00-00	1,4 kg
C.PRIMALUX-A+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-022-00-00-00	1,4 kg
C.PRIMALUX-B 230V AC/DC	CBS NON-ADDRESSABLE	36xMidPower LEDs	N.A.	295-B-023-00-00-00	3,1 kg
C.PRIMALUX-B 24V AC/DC	CBS NON-ADDRESSABLE	36xMidPower LEDs	N.A.	295-B-024-00-00-00	3,1 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-A-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-025-00-00-00	1,4 kg
C.PRIMALUX-A-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	18x LED + 2x LED	100 lm	295-B-026-00-00-00	1,5 kg
C.PRIMALUX-B-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	36xMidPower LEDs	N.A.	295-B-027-00-00-00	3,2 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx



ENERGY SAVING  
ECO MODE  
SET UP



2/200  
cd/m<sup>2</sup>

## C.PRIMALUX-LED / MULTIPRIMA-LED

### DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY**  
BATTERY MODE



**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Application  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



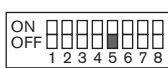
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



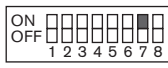
**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



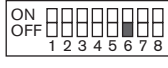
**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



**AUTOTEST /**  
**CENTRALTEST**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

**CBS CENTRAL**  
BATTERY



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**L1' FUNCT.**  
**LOGIC**  
SET UP



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

## C.PRIMALUX+2xLED / MULTIPRIMA+2xLED

### DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY**  
BATTERY MODE



**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION



**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Application  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



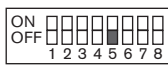
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



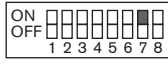
**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



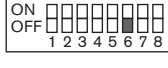
**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



**AUTOTEST /**  
**CENTRALTEST**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

**CBS CENTRAL**  
BATTERY



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**INPUT L1'**  
**FUNCT.**  
SET UP



**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDs CONTROL  
OFF - DIMMING



**L1' FUNCT.**  
**LOGIC**  
SET UP



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

## C.PRIMALUX-LED / MULTIPRIMA-LED



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	Look up page No.400
Application	Anti-panic lighting
Max room illumination	Look up page No.400



## C.PRIMALUX-LED / MULTIPRIMA-LED

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance 30m: (for all "A" size versions), 60m (for all "B" size versions)
- Legend luminance  $>500\text{cd/m}^2$  (white)
- kryt svetidla v AL ráme s piktogramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**
- rozoznatelnosť piktogramu: 30m (pre veľkosť A), 60m (pre veľkosť B)
- jas piktogramu  $>500\text{cd/m}^2$  (biela)



All "A" Size versions / pre všetky verzie veľkosť "A"	Order Code / Objednávaci kód
Diffuser with legend "H" / kryt s pikto typ "H"	295-B-000-01-00-00
Diffuser with legend "I" / kryt s pikto typ "I"	295-B-000-02-00-00
Diffuser with legend "J" / kryt s pikto typ "J"	295-B-000-03-00-00
Diffuser with legend "K" / kryt s pikto typ "K"	295-B-000-04-00-00
Diffuser with legend "L" / kryt s pikto typ "L"	295-B-000-05-00-00
Diffuser with legend "M" / kryt s pikto typ "M"	295-B-000-06-00-00
Diffuser with legend "N" / kryt s pikto typ "N"	295-B-000-07-00-00
Diffuser with legend "O" / kryt s pikto typ "O"	295-B-000-08-00-00

All "B" Size versions / pre všetky verzie veľkosť "B"	Order Code / Objednávaci kód
Diffuser with legend "H" / kryt s pikto typ "H"	295-B-000-10-00-00
Diffuser with legend "I" / kryt s pikto typ "I"	295-B-000-11-00-00
Diffuser with legend "J" / kryt s pikto typ "J"	295-B-000-12-00-00
Diffuser with legend "K" / kryt s pikto typ "K"	295-B-000-13-00-00
Diffuser with legend "L" / kryt s pikto typ "L"	295-B-000-14-00-00
Diffuser with legend "M" / kryt s pikto typ "M"	295-B-000-15-00-00
Diffuser with legend "N" / kryt s pikto typ "N"	295-B-000-16-00-00
Diffuser with legend "O" / kryt s pikto typ "O"	295-B-000-20-00-00

### Additional Bottom HighPower LEDs (valid only for all "+2xLED" versions)

- for escape route illumination on the floor
- for 1x Spacing Tables Look up Page No.328-335

- Prídavné 2x HighPower LED na spodnej strane svetidla (len pre verzie "+2xLED")
- pre nasvietenie únikovej cesty na podlahe
- tabuľky rozmiestnenia svetidiel pre 1x hladinu osvetlenia pozri str. 328-335

### Options: / Příplatky:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage
- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Příplatek	Order Code / objednávací kód
Wall mounting bracket "A" / nástenná konzola "A"	295-B-200-01
Wall mounting bracket "B" / nástenná konzola "B"	295-B-200-02
Ceiling mounting bracket "A" / stropná konzola "A"	295-B-201-01
Ceiling mounting bracket "B" / stropná konz. "B"	295-B-201-02
Pendant bracket 0,5m "A" / záves. konz. 0,5m "A"	295-B-202-01
Pendant bracket 0,5m "B" / záves. konz. 0,5m "B"	295-B-202-02
Pendant bracket 1,0m "A" / záves. konz. 1,0m "A"	295-B-203-01
Pendant bracket 1,0m "B" / záves. konz. 1,0m "B"	295-B-203-02
Pendant bracket 1,5m "A" / záves. konz. 1,5m "A"	295-B-204-01
Pendant bracket 1,5m "B" / záves. konz. 1,5m "B"	295-B-204-02
Protective stell cage "A" / ochranný kôš "A"	295-B-205-01
Protective stell cage "B" / ochranný kôš "B"	295-B-205-02

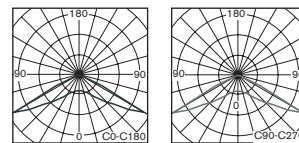
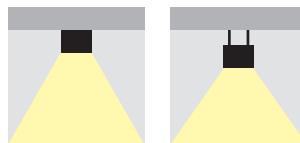
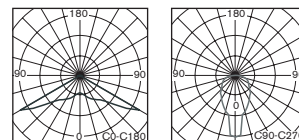
## C.PRIMALUX-LED / MULTIPRIMA-LED



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	Look up page No.400
Application	Anti-panic lighting
Max room illumination	Look up page No.400



## C.PRIMALUX-AP-LED / MULTIPRIMA-AP-LED



- Exclusive slim design doublesided ceiling mounted fixture for non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT) or **DALI**
  - **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
  - **Wireless CENTRALTEST** (-ATZB) for ELMAX-ATZB system (page No.168)
  - **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (look up also page No.174)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Anodised AL profile base
  - Acrylic layered diffuser with legend in anodised AL frame
- "štíhle" elegantné obojstranné stropné núdzové svietidlo pre netrválé/trvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách:
  - **AUTOTEST** (-AT) alebo DALI
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-ATZB systém (str.168)
  - **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z eloxovaného hliníkového profilu
  - svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+218)
- **Intelligent battery charging** (intermittent charging, look up page No.181+218)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+218)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.181)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+218)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+218)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+218)
  - **ENERGY Saving Mód** (osvetlenie piko na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie piktogramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)

Available in black RAL9005 colour

Order code on demand

Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



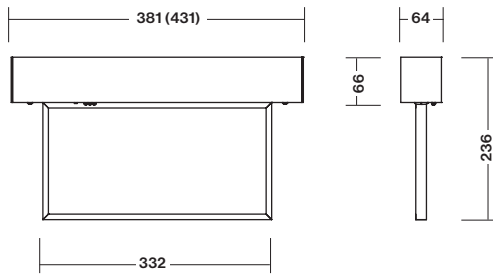
Optional end cap with cable entry holes  
Príplatkové bočné čeličko s prechodkami  
(look up also page No.224)



Accessory: Diffuser in AL Frame+Legend  
Príplatkový kryt svietidla v AL ráme+pikto  
(look up also page No.224)



## C.PRIMALUX-AP-LED / MULTIPRIMA-AP-LED



\* Dimensions in the bracket are valid for all "APA, APB" versions  
\* rozmery v zátvorke platia pre všetky "APA, APB" verzie

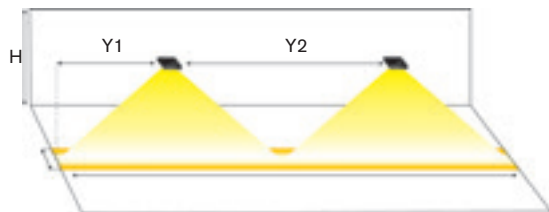
### Escape route illumination by 2 additional HighPower LEDs

- version APA for corridor application Escape Route illumination
- version APB for open area application Anti Panic Lighting

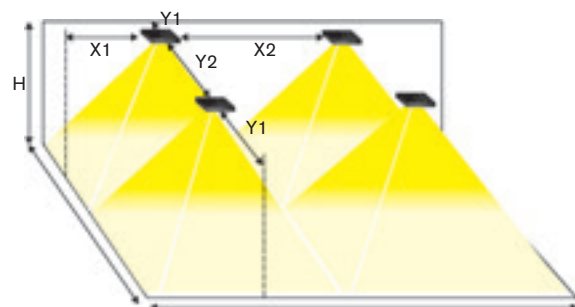
### Anti-panik osvetlenie prídavnými 2xHighPower LED

- verzia APA pre aplikáciu pre koridor / Escape Route
- verzia APB pre aplikáciu v otvorenom priestore "anti-panik"

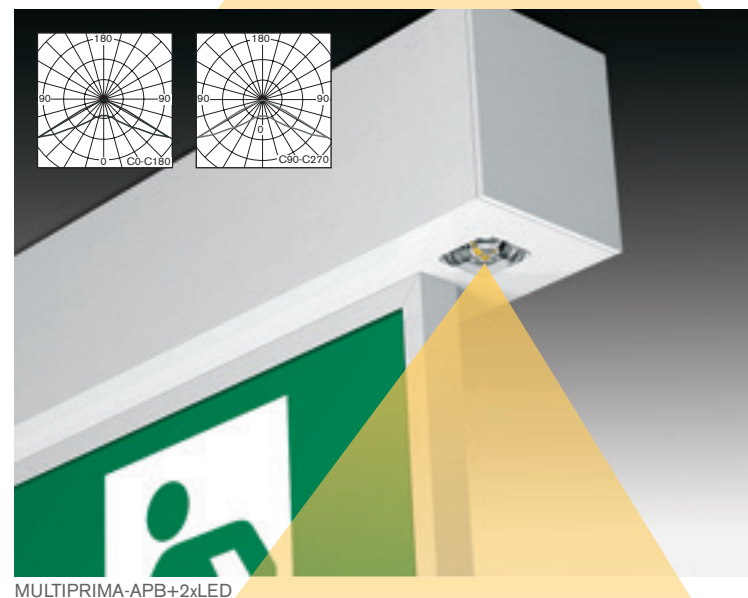
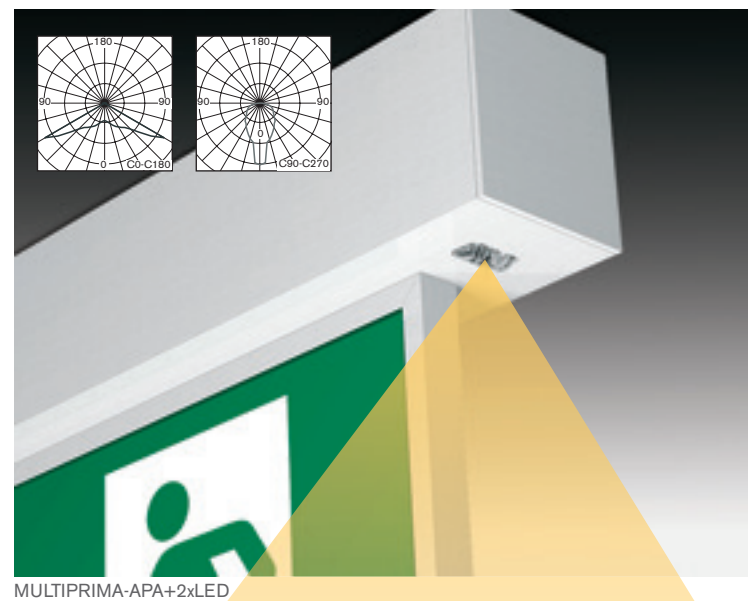
1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Y1 (m)	Y2 (m)
2,75	6,6	17,5
3,00	6,1	17,9
3,50	5,7	18,0
4,00	4,7	17,5
4,50	3,5	17,1



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	4,0	10,5	3,0	9,6
3,00	3,1	11,3	2,3	9,8



- Optional Wire rope suspension set (for the Item No. look up page No.230)
- Príplatkový lankový závesný set (pre obj.kód pozri str. 230)



## C.PRIMALUX-AP LED / MULTIPRIMA-AP LED

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance 30m
- Legend luminance: >500cd/m<sup>2</sup> (white)

- kryt svetidla v AL ráme s piktogramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**
- rozoznatelnosť piktogramu 30m
- jas piktogramu: >500cd/m<sup>2</sup> (biela)



Item / Položka	Order Code / Objednávaci kód
Single sided diffuser with legend "H" Jednostranný kryt s pikto typ "H"	295-B-000-020-00-00
Single sided diffuser with legend "I" Jednostranný kryt s pikto typ "I"	295-B-000-021-00-00
Single sided diffuser with legend "J" Jednostranný kryt s pikto typ "J"	295-B-000-022-00-00
Single sided diffuser with legend "O" Jednostranný kryt s pikto typ "O"	295-B-000-023-00-00
Single sided diffuser with legend "K" Jednostranný kryt s pikto typ "K"	295-B-000-024-00-00
Single sided diffuser with legend "L" Jednostranný kryt s pikto typ "L"	295-B-000-025-00-00
Single sided diffuser with legend "M" Jednostranný kryt s pikto typ "M"	295-B-000-026-00-00
Single sided diffuser with legend "N" Jednostranný kryt s pikto typ "N"	295-B-000-027-00-00
Double sided diffuser with legend "H/J" Obojstranný kryt s pikto typ "H/J"	295-B-000-028-00-00
Double sided diffuser with legend "I" Obojstranný kryt s pikto typ "I"	295-B-000-029-00-00
Double sided diffuser with legend "O" Obojstranný kryt s pikto typ "O"	295-B-000-030-00-00
Double sided diffuser with legend "K/M" Obojstranný kryt s pikto typ "K/M"	295-B-000-031-00-00
Double sided diffuser with legend "L/N" Obojstranný kryt s pikto typ "L/N"	295-B-000-032-00-00



### Options: / Pripłaty:

- Wire rope suspension set including all:
  - 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
  - 2pcs of suspension steel wire ropes 0.8m long
  - 1pc of ceiling power outlets + 1.5m long cord
- End cap with cable entry holes
- Závesný lankový set obsahuje:
  - 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
  - 2ks závesných laniek dĺžky 0,8m
  - 1ks sieťovej prípojnej krabičky na strop + číry prívodný elektrický kábel 1,5m dlhý
- Bočné čelíčko s prechodkami pre kabeľaž zo strany

Optional Item / Pripatok	Order Code / objednávaci kód
Wire rope suspension kit 1.5 m long Závesná lanková sada dĺžky 1,5 m	295-B-206-001-00-00
End cap with cable entry holes Bočné čelíčko s prechodkami pre kabeľaž z boku	295-B-207-001-00-00

## C.PRIMALUX-AP-LED / MULTIPRIMA-AP-LED

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AP-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-300-01-00-00	1,6 kg
MULTIPRIMA-AP-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-300-04-00-00	1,6 kg
MULTIPRIMA-AP-AT.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-301-02-00-00	1,7 kg
MULTIPRIMA-APA-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-302-01-00-00	1,7 kg
MULTIPRIMA-APA-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-302-04-00-00	1,7 kg
MULTIPRIMA-APA-AT+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-303-02-00-00	1,8 kg
MULTIPRIMA-APB-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-304-01-00-00	1,7 kg
MULTIPRIMA-APB-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-304-04-00-00	1,7 kg
MULTIPRIMA-APB-AT+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-305-02-00-00	1,8 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-AP-DALI.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/2,1Ah	295-B-327-02-00-00	1,6 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AP-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-306-01-00-00	1,6 kg
MULTIPRIMA-AP-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-306-04-00-00	1,6 kg
MULTIPRIMA-AP-ATXL.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-307-02-00-00	1,7 kg
MULTIPRIMA-APA-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-308-01-00-00	1,7 kg
MULTIPRIMA-APA-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-308-04-00-00	1,7 kg
MULTIPRIMA-APA-ATXL+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-309-02-00-00	1,8 kg
MULTIPRIMA-APB-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-310-01-00-00	1,7 kg
MULTIPRIMA-APB-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-310-04-00-00	1,7 kg
MULTIPRIMA-APB-ATXL+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-311-02-00-00	1,8 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Version	Duration	Light Source	Light / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-AP-ATZB.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-312-01-00-00	1,6 kg
MULTIPRIMA-AP-ATZB.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-313-02-00-00	1,7 kg
MULTIPRIMA-APA-ATZB+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-314-01-00-00	1,7 kg
MULTIPRIMA-APA-ATZB+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-315-02-00-00	1,8 kg
MULTIPRIMA-APB-ATZB+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-316-01-00-00	1,7 kg
MULTIPRIMA-APB-ATZB+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-317-02-00-00	1,8 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AP 230V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-318-00-00-00	1,3 kg
C.PRIMALUX-AP 24V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-319-00-00-00	1,3 kg
C.PRIMALUX-APA+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-320-00-00-00	1,4 kg
C.PRIMALUX-APA+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-321-00-00-00	1,4 kg
C.PRIMALUX-APB+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-322-00-00-00	1,4 kg
C.PRIMALUX-APB+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-323-00-00-00	1,4 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AP-ATXP 230V AC/DC	ATXP CBS ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-324-00-00-00	1,4 kg
C.PRIMALUX-APA-ATXP+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	18x LED + 2x LED	100 lm	295-B-325-00-00-00	1,5 kg
C.PRIMALUX-APB-ATXP+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	18x LED + 2x LED	100 lm	295-B-326-00-00-00	1,5 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx





Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M)
	2.0W/3.9VA (non-maintained NM)
	6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>





Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>



**C.PRIMALUX-AV-LED / MULTIPRIMA-AV-LED**

MULTIPRIMA-AV



MULTIPRIMA-AVB+2xLED

**Input Power:**

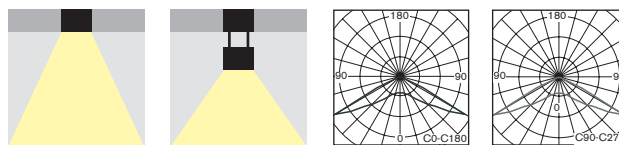
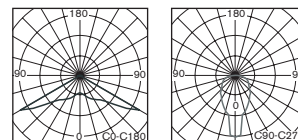
- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)

Available in black RAL9005 colour

Order code on demand

Dostupné aj čiernej farbe RAL9005

obj.kód ba požiadanie



- Exclusive slim design doublesided recessed mounted fixture for non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
- **Wireless CENTRALTEST** (-ATZB) for ELMAX-ATZB system (page No.168)
- **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

**Design:**

- Anodised AL profile base
- Acrylic layered diffuser with legend in anodised AL frame

- "Štíhle" elegantné obojstranné stropné núdzové svetidlo pre netrválne/trvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách:

- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-ATZB systém (str.168)
- **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

**konštrukcia:**

- základňa z eloxovaného hliníkového profilu
- svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

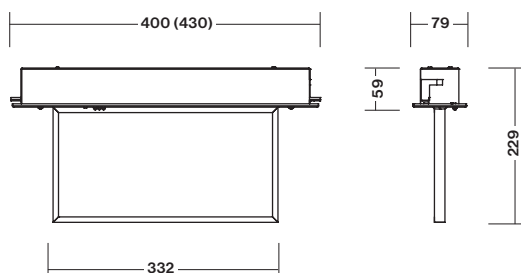
**STANDARD FEATURES****STANDARDNÁ VÝBAVA**

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+218)
- **Intelligent battery charging** (intermittent charging, look up page No.181+218)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+218)
  - **ENERGY Saving Mode** (picto illumination 2cd/m² or 200cd/m², look up page 181)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.181)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+218)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+218)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+218)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m² alebo 200cd/m², pozri aj str.181)
  - ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie piktogramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

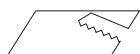
Optional Wire Rope Suspension  
Príplatkový lankový záves 2m  
(look up also page No.230)Accessory: Diffuser in AL Frame+Legend  
Príplatkový kryt svetidla v AL ráme+pikto  
(look up also page No.230)



## C.PRIMALUX-AV-LED / MULTIPRIMA-AV-LED



\* Dimensions in the bracket are valid for all "AVA, AVB" versions  
\* rozmery v zátvorke platia pre všetky "AVA, AVB" verzie



Recessed mounting hole size for all -AVA/-AVB versions: **400x60 mm**  
Rozmer montážneho otvoru pre verzie -AVA/-AVB: **400x60 mm**

Recessed mounting hole size for all -AVA/-AVB +2xLED versions: **430x60 mm**  
Rozmer montážneho otvoru pre verzie -AVA/-AVB +2xLED: **430x60 mm**

### Escape route illumination by 2 additional HighPower LEDs

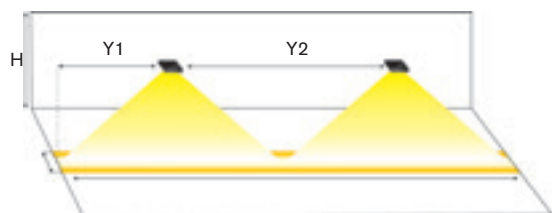
- version APA for corridor application Escape Route illumination
- version APB for open area application Anti Panic Lighting

### Anti-panik osvetlenie prídavnými 2xHighPower LED

- verzia APA pre aplikáciu pre koridor / Escape Route
- verzia APB pre aplikáciu v otvorenom priestore "anti-panik"

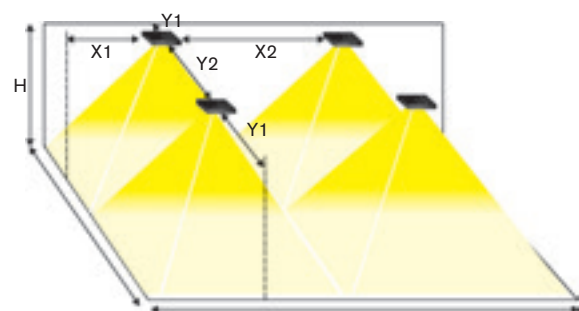
#### 1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
2,75	6,6	17,5
3,00	6,1	17,9
3,50	5,7	18,0
4,00	4,7	17,5
4,50	3,5	17,1

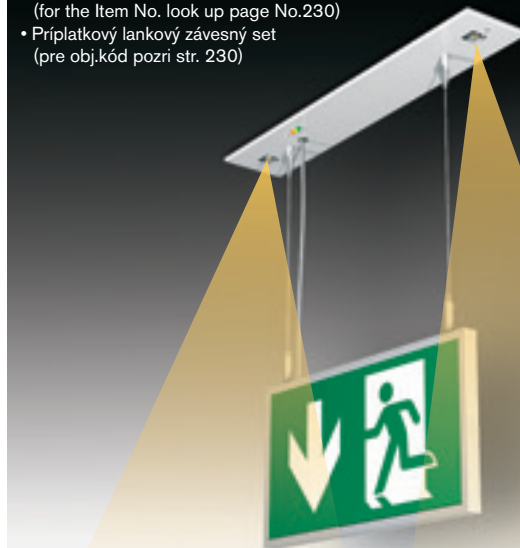


#### 1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	4,0	10,5	3,0	9,6
3,00	3,1	11,3	2,3	9,8



- Optional Wire rope suspension set (for the Item No. look up page No.230)
- Príplatkový lankový závesný set (pre obj.kód pozri str. 230)



MULTIPRIMA-AVA+2xLED



MULTIPRIMA-AVB+2xLED

## C.PRIMALUX-AP/-AV-LED / MULTIPRIMA-AP/-AV-LED



- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance: 30m
- Legend luminance >500cd/m<sup>2</sup> (white)

- kryt svetidla v AL ráme s piktogramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**
- rozoznatelnosť piktogramu: 30m
- jas piktogramu >500cd/m<sup>2</sup> (biela)



Item / Položka	Order Code / Objednávaci kód
Single sided diffuser with legend "H" Jednostranný kryt s pikto typ "H"	295-B-000-020-00-00
Single sided diffuser with legend "I" Jednostranný kryt s pikto typ "I"	295-B-000-021-00-00
Single sided diffuser with legend "J" Jednostranný kryt s pikto typ "J"	295-B-000-022-00-00
Single sided diffuser with legend "O" Jednostranný kryt s pikto typ "O"	295-B-000-023-00-00
Single sided diffuser with legend "K" Jednostranný kryt s pikto typ "K"	295-B-000-024-00-00
Single sided diffuser with legend "L" Jednostranný kryt s pikto typ "L"	295-B-000-025-00-00
Single sided diffuser with legend "M" Jednostranný kryt s pikto typ "M"	295-B-000-026-00-00
Single sided diffuser with legend "N" Jednostranný kryt s pikto typ "N"	295-B-000-027-00-00
Double sided diffuser with legend "H/J" Obojstranný kryt s pikto typ "H/J"	295-B-000-028-00-00
Double sided diffuser with legend "I" Obojstranný kryt s pikto typ "I"	295-B-000-029-00-00
Double sided diffuser with legend "O" Obojstranný kryt s pikto typ "O"	295-B-000-030-00-00
Double sided diffuser with legend "K/M" Obojstranný kryt s pikto typ "K/M"	295-B-000-031-00-00
Double sided diffuser with legend "L/N" Obojstranný kryt s pikto typ "L/N"	295-B-000-032-00-00

Available in black RAL9005 colour

Order code on demand

Dostupné aj čiernej farbe RAL9005

obj.kód ba požiadanie

### Options: / Pripłaty:

- Wire rope suspension set including all:
  - 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
  - 2pcs of suspension steel wire ropes 0.8m long
  - 1pc of ceiling power outlets
  - 1.5m long cord
- Závesný lankový set obsahuje:
  - 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
  - 2ks závesných laniek dĺžky 0,8m
  - 1ks sieťovej prípojnej krabičky na strop
  - číry prírodný elektrický kábel 1,5m dlhý

Optional Item / Pripatok	Order Code / objednávací kód
Wire rope suspension kit 1.5 m long	295-B-206-001-00-00
Závesná lanková sada dĺžky 1,5 m	295-B-206-001-00-00



## C.PRIMALUX-AV-LED / MULTIPRIMA-AV-LED

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AV-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-400-01-00-00	1,6 kg
MULTIPRIMA-AV-AT.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-400-04-00-00	1,6 kg
MULTIPRIMA-AV-AT.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-401-02-00-00	1,7 kg
MULTIPRIMA-AVA-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-402-01-00-00	1,7 kg
MULTIPRIMA-AVA-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-402-04-00-00	1,7 kg
MULTIPRIMA-AVA-AT+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-403-02-00-00	1,8 kg
MULTIPRIMA-AVB-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-404-01-00-00	1,7 kg
MULTIPRIMA-AVB-AT+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-404-04-00-00	1,7 kg
MULTIPRIMA-AVB-AT+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-405-02-00-00	1,8 kg

### DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-AV-DALI.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/2,1Ah	295-B-427-02-00-00	1,6 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AV-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-406-01-00-00	1,6 kg
MULTIPRIMA-AV-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-406-04-00-00	1,6 kg
MULTIPRIMA-AV-ATXL.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-407-02-00-00	1,7 kg
MULTIPRIMA-AVA-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-408-01-00-00	1,7 kg
MULTIPRIMA-AVA-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-408-04-00-00	1,7 kg
MULTIPRIMA-AVA-ATXL+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-409-02-00-00	1,8 kg
MULTIPRIMA-AVB-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-410-01-00-00	1,7 kg
MULTIPRIMA-AVB-ATXL+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-410-04-00-00	1,7 kg
MULTIPRIMA-AVB-ATXL+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-411-02-00-00	1,8 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Version	Duration	Light Source	Light / Emergency mode	Battery	Order Code	Weight
MULTIPRIMA-AV-ATZB.1h	NM/M	1h	18xMidPower LEDs	N.A.	NiMh 4,8V/1,1Ah	295-B-412-01-00-00	1,6 kg
MULTIPRIMA-AV-ATZB.3h	NM/M	3h	18xMidPower LEDs	N.A.	NiMh 4,8V/3,0Ah	295-B-413-02-00-00	1,7 kg
MULTIPRIMA-AVA-ATZB+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-414-01-00-00	1,7 kg
MULTIPRIMA-AVA-ATZB+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-415-02-00-00	1,8 kg
MULTIPRIMA-AVB-ATZB+2xLED.1h	NM/M	1h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/1,1Ah	295-B-416-01-00-00	1,7 kg
MULTIPRIMA-AVB-ATZB+2xLED.3h	NM/M	3h	18x LEDs + 2x LEDs	- / 100 lm	NiMh 4,8V/3,0Ah	295-B-417-02-00-00	1,8 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AV 230V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-418-00-00-00	1,3 kg
C.PRIMALUX-AV 24V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-419-00-00-00	1,3 kg
C.PRIMALUX-AVA+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-420-00-00-00	1,4 kg
C.PRIMALUX-AVA+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-421-00-00-00	1,4 kg
C.PRIMALUX-AVB+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-422-00-00-00	1,4 kg
C.PRIMALUX-AVB+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	18x LEDs + 2x LEDs	100 lm	295-B-423-00-00-00	1,4 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AV-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-424-00-00-00	1,4 kg
C.PRIMALUX-AVA-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	18x LED + 2x LED	100 lm	295-B-425-00-00-00	1,5 kg
C.PRIMALUX-AVB-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	18x LED + 2x LED	100 lm	295-B-426-00-00-00	1,5 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx



## C.LEDLUX2 / MULTILED2

Transparent acrylic glass and unobtrusive design enhances aesthetic and functional aspects of LEDLUX type series. Thanks to the special layered glass design it achieves perfect uniformity of backlighting. Combined with the qualities of an innovative LED luminaire - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Číre závesné plexi a moderný nenápadný design vychádzajúci z kvalitných materiálov prehlbujú estetické a funkčné vlastnosti svietidiel typovej rady LEDLUX. Vďaka špeciálnemu vrstvenému plexi je dosiahnutá perfektná rovnomernosť osvetlenia piktogramu. V kombinácii s kvalitami inovatívneho LED svietidla - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. PRIMALUX dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštalačnými možnosťami.

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.3W/5.6VA (maintained M) 2.0W/3.8VA (non-maintained NM) 3.0W/5.1VA (CBS)
Suspended plexi	Layered design with high uniformity
Viewing distance	30m







Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej RAL9005

Thanks to the advanced design of the suspended plexi diffuser the pictogram is perfectly uniformly illuminated on the whole surface

Vďaka špeciálnej vrstvenej štruktúre závesného plexi je jeho celá plocha perfektne rovnomerne nasvietená po celom povrchu



**AUTOTEST/CENTRALTEST**  
(only all MULTILED-AT/ATXL/ATZB versions):  
Monitor status by 3x LEDs and TEST button

**AUTOTEST/CENTRALTEST**  
(len pre všetky MULTILED-AT/ATXL/ATZB):  
3x LED pre signalizáciu stavu svetidla a TEST tlačítko

The whole assortment of accessories including all wire rope suspension, ceiling brackets and wall mounting brackets

Široká ponuka príplatkového príslušenstva zahrňujúceho závesné sady, konzoly pre montáž na stenu, resp. závesná konzola na strop





## C.LEDLUX2-P / MULTILED2-P

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



→ 30m

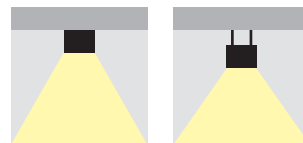


→ 30m



### Input Power:

- 5,3W/ 5,6VA (maintained M)
- 2,0W/ 3,8VA (non-maintained NM)
- 3,0W/ 5,1VA (CBS)



- **NEW Generation** of modern design **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT),
- **DALI**,
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **Wireless CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (page No.168)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Legend luminance: >500cd/m<sup>2</sup> (white)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)
- **NOVÁ generácia** stropného moderného LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod.,** aj s funkciami:
  - **AUTOTEST** (-AT),
  - **DALI**,
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX Wireless systém (pozri str.168)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- Jas piktogramu: >500cd/m<sup>2</sup> (white)
- konštrukcia: teleso z oceľového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+240)
- **Intelligent battery charging** (intermittent charging, look up page No.181+240)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+240)
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+240)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+240)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+240)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

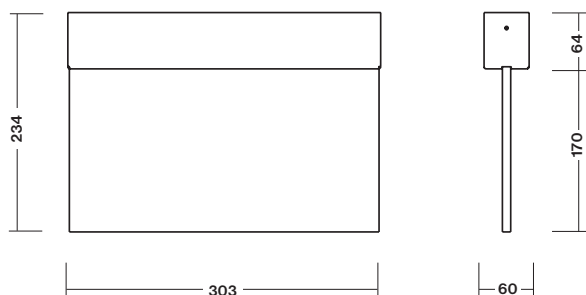
### OPTIONAL ACCESSORIES

### PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend (must be ordered as a separate item (look up also page No.236))**
- Wall or ceiling mounting brackets (look up also page No.236)
- Wire rope suspension set (look up also page No.236)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- pozri aj str.236)**
- nástenná, stropná alebo stropná závesná konzola (pozri aj str.236)
- lanková závesná sada (pozri aj str.236)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



## C.LEDLUX2-P / MULTILED2-P



Page No.162

### AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-AT.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-001-01-00-01	1,2 kg
MULTILED2-P-AT.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-001-01-00-02	1,2 kg
MULTILED2-P-AT.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-001-04-00-01	1,2 kg
MULTILED2-P-AT.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-001-04-00-02	1,2 kg
MULTILED2-P-AT.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-002-02-00-01	1,3 kg
MULTILED2-P-AT.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-002-02-00-02	1,3 kg

### DALI

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-DALI.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	3,6V/2,1Ah	309-B-011-03-00-01	1,2 kg
MULTILED2-P-DALI.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	3,6V/2,1Ah	309-B-011-03-00-02	1,2 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-ATXL.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-003-01-00-01	1,3 kg
MULTILED2-P-ATXL.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-003-01-00-02	1,3 kg
MULTILED2-P-ATXL.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-003-04-00-01	1,3 kg
MULTILED2-P-ATXL.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-003-04-00-02	1,3 kg
MULTILED2-P-ATXL.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-004-02-00-01	1,4 kg
MULTILED2-P-ATXL.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-004-02-00-02	1,4 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-ATZB.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-005-01-00-01	1,3 kg
MULTILED2-P-ATZB.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-005-01-00-02	1,3 kg
MULTILED2-P-ATZB.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-006-02-00-01	1,3 kg
MULTILED2-P-ATZB.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-006-02-00-02	1,3 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-P 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-007-00-00-01	1,0 kg
C.LEDLUX2-P 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-007-00-00-02	1,0 kg
C.LEDLUX2-P 24V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-008-00-00-01	1,0 kg
C.LEDLUX2-P 24V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-008-00-00-02	1,0 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-P-ATXPR 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS ADDRESSABLE	9xMidPower LEDs	309-B-009-00-00-01	1,1 kg
C.LEDLUX2-P-ATXPR 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS ADDRESSABLE	9xMidPower LEDs	309-B-009-00-00-02	1,1 kg

## Suspended Plexi / závesné plexi s piktogramom



• It is not included in standard package. It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance  $>500\text{cd/m}^2$  (white)

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !

- rozoznatelnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu  $>500\text{cd/m}^2$  (biela)



### Suspended plexi Accessory

Optional Item / Priplatok	Order Code / Objednávaci kód
Double sided plexi with legend H/I	309-B-000-00-00-14
Double sided plexi with legend I	309-B-000-00-00-15
Single sided plexi with legend H	309-B-000-00-00-16
Single sided plexi with legend I	309-B-000-00-00-17
Single sided plexi with legend J	309-B-000-00-00-18
Double sided plexi with legend K/M	309-B-000-00-00-19
Double sided plexi with legend L/N	309-B-000-00-00-20
Single sided plexi with legend K	309-B-000-00-00-21
Single sided plexi with legend L	309-B-000-00-00-22
Single sided plexi with legend M	309-B-000-00-00-23
Single sided plexi with legend N	309-B-000-00-00-24
Single sided plexi with legend O	309-B-000-00-00-25
Double sided plexi with legend O	309-B-000-00-00-26
Double sided plexi with legend Z1	309-B-000-00-00-27
Double sided plexi with legend Z2	309-B-000-00-00-28

### Závesné plexi s piktogramom

Priplatok	Objednávaci kód
Obojstranné plexi s piktogramom H/I	309-B-000-00-00-14
Obojstranné plexi s piktogramom I	309-B-000-00-00-15
Jednostranné plexi s piktogramom H	309-B-000-00-00-16
Jednostranné plexi s piktogramom I	309-B-000-00-00-17
Jednostranné plexi s piktogramom J	309-B-000-00-00-18
Obojstranné plexi s piktogramom K/M	309-B-000-00-00-19
Obojstranné plexi s piktogramom L/N	309-B-000-00-00-20
Jednostranné plexi s piktogramom K	309-B-000-00-00-21
Jednostranné plexi s piktogramom L	309-B-000-00-00-22
Jednostranné plexi s piktogramom M	309-B-000-00-00-23
Jednostranné plexi s piktogramom N	309-B-000-00-00-24
Jednostranné plexi s piktogramom O	309-B-000-00-00-25
Obojstranné plexi s piktogramom O	309-B-000-00-00-26
Obojstranné plexi s piktogramom Z1	309-B-000-00-00-27
Obojstranné plexi s piktogramom Z2	309-B-000-00-00-28





Premium Line  
Optional Accessories / Príplatky  
**C.LEDLUX2-P / MULTILED2-P**

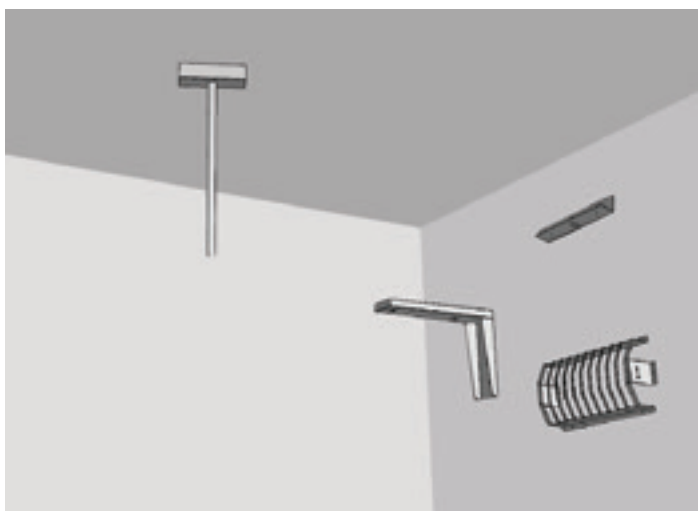
**Optional Accessories:**

- Wall mounting bracket
- Wire rope suspension set

**Príplatky:**

- nástenná konzola
- lanková závesná sada

Optional Item / Príplatky	Order Code
Parallel wall mounting bracket in white RAL9003 colour / nástenná konzola rovnobežne so stenou v bielej RAL9003	309-B-000-01-00-02
Parallel wall mounting bracket in grey RAL9006 colour / nástenná konzola rovnobežne so stenou v šedej RAL9006	309-B-000-01-00-01
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	309-B-000-03-00-02
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	309-B-000-03-00-01
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,5m long in white RAL9003 colour / lanková závesná sada 1,5m dlhá v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lanková závesná sada 1,5m dlhá v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-18-00
Wire rope suspension set 3,5m long in white RAL9003 colour / lanková závesná sada 3,5m dlhá v bielej RAL9003 farbe	85-B-05-26-F1
Wire rope suspension set 3,5m long in grey RAL9006 colour / lanková závesná sada 3,5m dlhá v šedej RAL9003 farbe	85-B-05-26-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-27-F17







Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.3W/5.6VA (maintained M) 2.0W/3.8VA (non-maintained NM) 3.0W/5.1VA (CBS)
Suspended plexi	Layered design with high uniformity
Viewing distance	30m



UNITED COLORS  
OF BENETTON.

Premium Line  
Surface Mounted Emergency Luminaire

**C.LEDLUX 2-P**  
**MULTILED 2-P**



## DIP SWITCH / JUMPERS FUNCTIONALITY



**ENERGY SAVING  
ECO MODE  
SET UP**



**2/200  
cd/m<sup>2</sup>**



**M /  
NM**

**AT /  
ATXL**

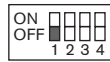
### DIP SWITCH FEATURES No.1

### DIP PREPÍNAČ č.1 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE  
230V MAINS**

**EMERGENCY MODE  
BATTERY**



**ESCAPE SIGN Brightness in 230V**  
OFF = 100%  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V Mode)**  
ON = 10%  
BRIGHTNESS > 2cd/m<sup>2</sup>

### DIP SWITCH FEATURES No.2-4

### DIP PREPÍNAČ č.2-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS



**INSTALLATION  
MODE  
SET UP**



**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED



**NON-MAINTAINED /  
MAINTAINED  
MODE  
SET UP**



**DEFAULT SETTING / PREDNASTAVENÉ**  
ON - MAINTAINED  
OFF - NON-MAINTAINED



**AUTOTEST /  
CENTRALTEST  
MODE  
SET UP**



**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST

TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

### JUMPERS FEATURES

### JUMPER FUNKCIE

#### CBS CENTRAL BATTERY VERSIONS

There is L1' logical input which allows to control the dimming function of the fixture by presence of 230V on L1'. During the first installation you can preset DIM level either 50% or 40% or 30% or 20% or 10%. The advantage of dimming feature is either energy saving or brightness reduction in e.g. cinema or theatre application.

Svetidlo je vybavené logickým vstupom L1', ktorým je ovládané stmievanie svetidla. Počas prvej inštalácie je možné nastaviť úroveň stmievania na 50% alebo 40% alebo 30% alebo 20% alebo 10%. Táto funkcia prispieva k zníženiu spotreby elektrickej energie alebo môže byť s výhodou použitá v kinách / divadlách, kde je počas predstavenia nežiadúci vysoký jas piktogramu.



**If 230V presents on L1:**  
Ak je 230V prítomný na L1 :

**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**J9 CLOSE** **J10,11,12 OPEN**

**ECO MODE 50%**



**J10 CLOSE** **J9,11,12 OPEN**

**ECO MODE 40%**



**J11 CLOSE** **J9,10,12 OPEN**

**ECO MODE 30%**



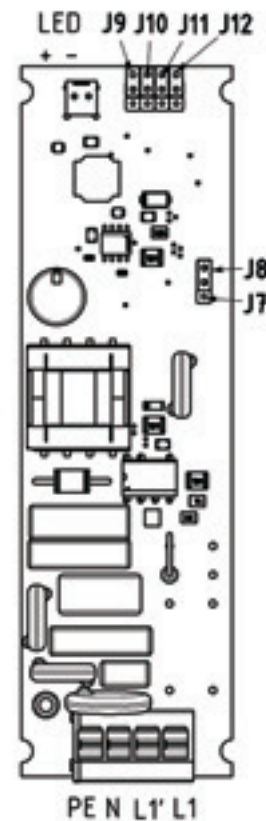
**J12 CLOSE** **J9,10,11 OPEN**

**ECO MODE 20%**



**J9,10,11,12 OPEN**

**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



### Logic of Dimming:

JUMPER	MAINS INPUT	Lighting Output
<b>J8 - CLOSE</b> ( DEFAULT SETTING )	L1 L1'	
	0 0	OFF
	0 1	OFF
	1 0	100%
	1 1	DIMM

JUMPER	MAINS INPUT	Lighting Output
<b>J7 - CLOSE</b>	L1 L2 (L1')	
	0 0	OFF
	0 1	OFF
	1 0	DIMM
	1 1	100%

DIMM - see Dimming option

### Dimming options:

JUMPERS				DIMMING LEVEL
J9	J10	J11	J12	
OPEN	OPEN	OPEN	OPEN	10%
OPEN	OPEN	OPEN	CLOSE	20%
OPEN	OPEN	CLOSE	OPEN	30%
OPEN	CLOSE	OPEN	OPEN	40%
CLOSE	OPEN	OPEN	OPEN	50%





## C.LEDLUX2-V / MULTILED2-V

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej farbe RAL9005  
obj.kód ba požiadanie



- **NEW Generation** modern design **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**  
It is available in all following versions:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
  - **Wireless CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (page No.168)
  - **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.170)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Legend luminance >500cd/m<sup>2</sup> (white)
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)
- NOVÁ generácia moderného stropného zapusteného LED svetidla pre **netrvalé** (NM), **trvalé** (M) alebo **centrálne** (C) núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté pre všeobecné použitie** priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod., aj s funkciami:
  - **AUTOTEST** (-AT),
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX Wireless systém (str.168)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- jas piktogramu >500cd/m<sup>2</sup> (white)
- konštrukcia: teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

### STANDARD

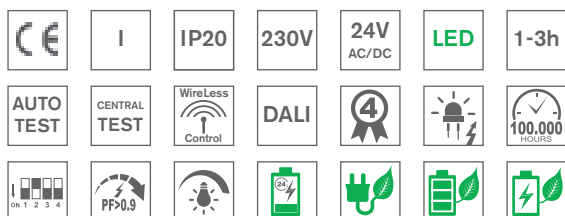
### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.181+240)
- **Intelligent battery charging** (intermittent charging, look up page No.181+240)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181+240)
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED (150lm/W, 5000K)**  
so životnosťou min.100000h
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.181+240)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+240)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181+240)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

### ACCESSORIES

### PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend**  
(it must be ordered as a separate item- further details look up page No.244)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche**  
(plexi musí byť objednané samostatne podľa želaného piktogramu- viď str.244 pre detaily)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



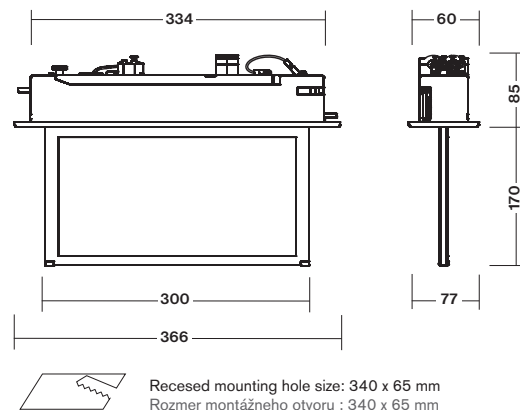
#### Input Power:

- 5,3W/ 5,6VA (maintained M)
- 2,0W/ 3,8VA (non-maintained NM)
- 3,0W/ 5,1VA (CBS)



Premium Line  
LED Recessed Emergency Luminaire

## C.LEDLUX2-V / MULTILED2-V



Page No.162

### AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-AT.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-101-01-00-01	1,2 kg
MULTILED2-V-AT.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-101-01-00-02	1,2 kg
MULTILED2-V-AT.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-101-04-00-01	1,2 kg
MULTILED2-V-AT.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-101-04-00-02	1,2 kg
MULTILED2-V-AT.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-102-02-00-01	1,3 kg
MULTILED2-V-AT.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-102-02-00-02	1,3 kg

### DALI

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-DALI.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	3,6V/2,1Ah	309-B-111-03-00-01	1,2 kg
MULTILED2-V-DALI.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	3,6V/2,1Ah	309-B-111-03-00-02	1,2 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-ATXL.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-103-01-00-01	1,3 kg
MULTILED2-V-ATXL.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-103-01-00-02	1,3 kg
MULTILED2-V-ATXL.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-103-04-00-01	1,3 kg
MULTILED2-V-ATXL.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	LiFePo4 6,4V/1,0Ah	309-B-103-04-00-02	1,3 kg
MULTILED2-V-ATXL.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-104-02-00-01	1,4 kg
MULTILED2-V-ATXL.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-104-02-00-02	1,4 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-ATZB.1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-105-01-00-01	1,3 kg
MULTILED2-V-ATZB.1h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	1h	NiMh 4,8V/1,1Ah	309-B-105-01-00-02	1,3 kg
MULTILED2-V-ATZB.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-106-02-00-01	1,3 kg
MULTILED2-V-ATZB.3h RAL9003	Only Body, No Plexi incl.	White / biela	9xMidPower LEDs	3h	NiMh 4,8V/2,1Ah	309-B-106-02-00-01	1,3 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-V 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-107-00-00-01	1,0 kg
C.LEDLUX2-V 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-107-00-00-02	1,0 kg
C.LEDLUX2-V 24V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-108-00-00-01	1,0 kg
C.LEDLUX2-V 24V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	9xMidPower LEDs	309-B-108-00-00-02	1,0 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-V-ATXPR 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS ADDRESSABLE	9xMidPower LEDs	309-B-109-00-00-01	1,1 kg
C.LEDLUX2-V-ATXPR 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS ADDRESSABLE	9xMidPower LEDs	309-B-109-00-00-02	1,1 kg



## Suspended Plexi / závesné plexi s piktogramom

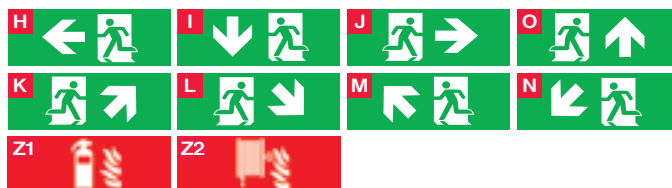


• It is not included in standard package.  
It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance  $>500\text{cd/m}^2$  (white)

• Nie je súčasťou štandardného balenia svetidla.  
Musí byť objednané ako samostatná položka !

- rozoznateľnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu  $>500\text{cd/m}^2$  (biela)



### Suspended plexi Accessory

Optional Item / Priplatok	Order Code / Objednávaci kód
Double sided plexi with legend H/J	309-B-000-00-00-14
Double sided plexi with legend I	309-B-000-00-00-15
Single sided plexi with legend H	309-B-000-00-00-16
Single sided plexi with legend I	309-B-000-00-00-17
Single sided plexi with legend J	309-B-000-00-00-18
Double sided plexi with legend K/M	309-B-000-00-00-19
Double sided plexi with legend L/N	309-B-000-00-00-20
Single sided plexi with legend K	309-B-000-00-00-21
Single sided plexi with legend L	309-B-000-00-00-22
Single sided plexi with legend M	309-B-000-00-00-23
Single sided plexi with legend N	309-B-000-00-00-24
Single sided plexi with legend O	309-B-000-00-00-25
Double sided plexi with legend O	309-B-000-00-00-26
Double sided plexi with legend Z1	309-B-000-00-00-27
Double sided plexi with legend Z2	309-B-000-00-00-28

### Závesné plexi s piktogramom

Priplatok	Objednávaci kód
Obojstranné plexi s piktogramom H/J	309-B-000-00-00-14
Obojstranné plexi s piktogramom I	309-B-000-00-00-15
Jednostranné plexi s piktogramom H	309-B-000-00-00-16
Jednostranné plexi s piktogramom I	309-B-000-00-00-17
Jednostranné plexi s piktogramom J	309-B-000-00-00-18
Obojstranné plexi s piktogramom K/M	309-B-000-00-00-19
Obojstranné plexi s piktogramom L/N	309-B-000-00-00-20
Jednostranné plexi s piktogramom K	309-B-000-00-00-21
Jednostranné plexi s piktogramom L	309-B-000-00-00-22
Jednostranné plexi s piktogramom M	309-B-000-00-00-23
Jednostranné plexi s piktogramom N	309-B-000-00-00-24
Jednostranné plexi s piktogramom O	309-B-000-00-00-25
Obojstranné plexi s piktogramom O	309-B-000-00-00-26
Obojstranné plexi s piktogramom Z1	309-B-000-00-00-27
Obojstranné plexi s piktogramom Z2	309-B-000-00-00-28







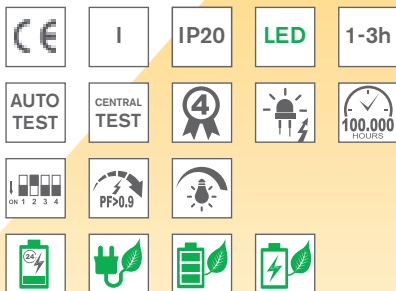
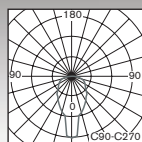
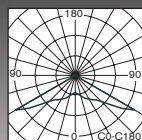
**C.ARRISLUX2-LED / MULTIARRIS2-LED**

22m

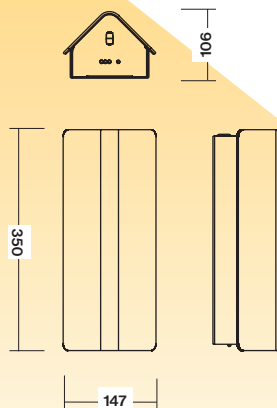
C.ARRIS2 / MULTIARRIS2-AT



C.ARRISLUX2-A+1xLED / MULTIARRIS2-AT-A+1xLED

**Input Power:**

- 7,0W/ 7,4VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)



- Wall or ceiling mounted fixture in triangular shape for non-maintained/maintained (NM/M) or CBS (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.ARRISLUX) for **non-addressable CBS** available also in 2 circuit version (1 circuit for picto illuminaton and another circuit for bottom HighPower LED if present - 2x230V version) - Page No.170
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

**Design:**

- Metal sheet base painted in RAL9003 colour
- **IMPACT** resistant polycarbonate diffuser (the legend must be ordered as seprate item)

- elegantné núdzové svietidlo "trojuholníkového" tvaru pre trvalé/netrvalé (NM/M) alebo (C) CBS centrálne napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.ARRISLUX) pre **neadresovateľné CBS** (str.174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

**konštrukcia:**

- základňa z ocelového plechu v bielej farbe RAL9003
- nerozbitný polykarbonátový svetelno-činný (piktogram musí byť objednaný samostatne)

**STANDARD FEATURES****STANDARDNÁ VÝBAVA**

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **High-Power Bottom LED 120lm/W** for floor either **ESCAPE ROOT** illumination (valid only for all "-A+1xLED" versions) or **SPOT BEAMER** for fire fighting equipment illumination 5lx level (valid only for all "-B+1xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMh battery**
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- LEDs indicating presence of power supply and signaling failures + TEST button

- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**

- **Výkonné LED 120lm/W pre osvetlenie únikovej cesty** na podlahe (len pri všetkých "-A+1xLED" verziách) alebo pre **SPOT osvetlenie** hasiaceho prístroja/hydrantu >5lx (len pri všetkých "-B+1xLED" verziách)

- **progresívna elektronická jednotka**

- **LONGLIFE NiMh batéria**

- **Inštalčný mód** (ochrana batérie, pozri aj str.181)

- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)

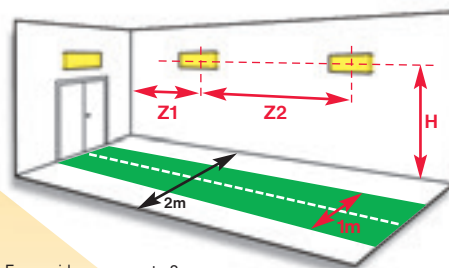
- **DIP prepínač** umožňujúci prednastavenie funkcií:

- **ECO Mód** (stmievanie 10%-100%, pozri aj str.181)

- **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)

- signalizácia LED a TEST tlačítko

Valid for all **+1xLED-A versions** / wall mounting  
Pre všetky verzie **+1xLED-A** / montáž na stenu



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	Z1 (m)	Z2 (m)
2,30	10	20
2,75	8	16



## C.ARRISLUX2-LED / MULTIARRIS2-LED

C.ARRISLUX2-B+1xLED / MULTIARRIS2-AT-B+1xLED



- Self-adhesive **LEGENDS** are not included in standard package. **MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance: 22m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)
- Samolepiace piktogramy nie sú súčasťou štandardného balenia svetidla. **MUSIA BYŤ OBJEDNANÝ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznatelnosť piktogramu: 22m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



### Legends / Piktogramy

Optional Item / Príplatok	Order Code / Objednávaci kód
Picto H/J Horizontal Mounting / horizontálne	324-B-000-01-00-00
Picto I/I Horizontal Mounting / horizontálne	324-B-000-02-00-00
Picto H/J Vertical Mounting / vertikálne	324-B-000-03-00-00
Picto J/H Vertical Mounting / vertikálne	324-B-000-04-00-00
Picto I/I Vertical Mounting / vertikálne	324-B-000-05-00-00
Picto Z1/Z1 Vertical Mounting / vertikálne	324-B-000-06-00-00
Picto Z2/Z2 Vertical Mounting / vertikálne	324-B-000-07-00-00
Picto Z1/Z2 Vertical Mounting / vertikálne	324-B-000-08-00-00



Page No.162

### AUTOTEST -AT NM/M

Type	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIARRIS2-AT.1h	MidPower LEDs	NA	NiMh 4,8V/1,1Ah	324-B-001-01-00-00	1,5 kg
MULTIARRIS2-AT.3h	MidPower LEDs	NA	NiMh 4,8V/3,0Ah	324-B-002-02-00-00	1,6 kg
MULTIARRIS2-AT-A+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	NiMh 4,8V/1,1Ah	324-B-003-01-00-00	1,6 kg
MULTIARRIS2-AT-B+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	NiMh 4,8V/1,1Ah	324-B-004-01-00-00	1,6 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.ARRISLUX2 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	NA	324-B-005-00-00-00	1,2 kg
C.ARRISLUX2-A+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	324-B-006-00-00-00	1,3 kg
C.ARRISLUX2-B+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	324-B-007-00-00-00	1,3 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

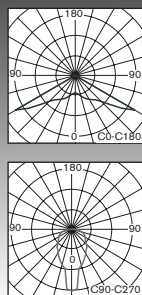
## C.TRIPLELUX2-LED / MULTITRIPLE2-LED



C.TRIPLELUX2 / MULTITRIPLE2-AT



C.TRIPLELUX2-A+1xLED / MULTITRIPLE2-AT-A+1xLED



• Wall or ceiling mounted fixture in triangular shape for non-maintained/maintained (NM/M) or CBS (C) emergency lighting available in all following versions:

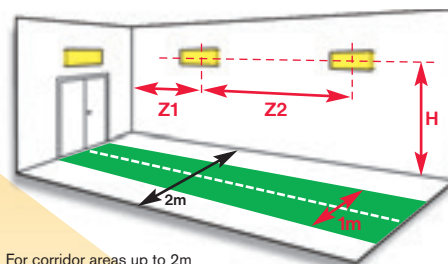
- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.TRIPLELUX) for **non-addressable CBS** available also in 2 circuit version (1 circuit for legend illumination and another circuit for bottom HighPower LED if present) - see also page No.174
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Metal sheet base painted in RAL9003 colour
  - Acrylic diffuser (the legend must be ordered as separate item)
- elegantné nůžkové svietidlo "trojuholníkového" tvaru pre trvalé/netvalé (NM/M) alebo (C) CBS centrálné napájané nůžkové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT),
  - **CENTRAL BATTERY** (C.TRIPLELUX) pre **neadresovateľné CBS** (str.174) je v ponuke aj ako dvojokruhovú, tj osvetlenie pikto a spodnej LED má svoj vlastný predradník
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z oceleového plechu v bielej farbe RAL9003
  - svetelno-činný z plexi (piktogram musí byť objednaný samostatne)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **High-Power Bottom LED 120lm/W** for floor either **ESCAPE ROOT** illumination (valid only for all "-A+1xLED" versions) or **SPOT BEAMER** for fire fighting equipment illumination 5lx level (valid only for all "-B+1xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMh battery**
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.181)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 181)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **Výkonné LED 120lm/W pre osvetlenie únikovej cesty** na podlahe (len pri všetkých "-A+1xLED" verziách) alebo pre **SPOT osvetlenie** hasiaceho prístroja / hydrantu >5lx (len pri všetkých "-B+1xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.181)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.181)
- signalizácia LED a TEST tlačítko

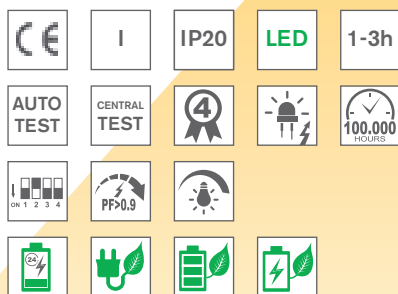
Valid for all **+1xLED-A versions** / wall mounting  
Pre všetky verzie **+1xLED-A** / montáž na stenu



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

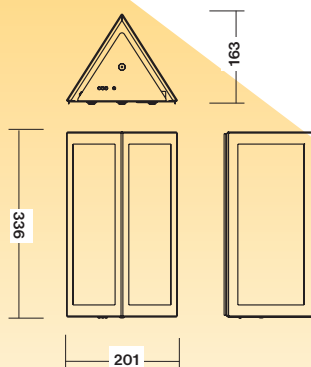
### 1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Z1 (m)	Z2 (m)
2,30	10	20
2,75	8	16



### Input Power:

- 7,0W/ 7,4VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 9,6W/ 10,6VA (CBS)



## C.TRIPLELUX2-LED / MULTITRIPLE2-LED

C.TRIPLELUX2-B+1xLED / MULTITRIPLE2-AT-B+1xLED

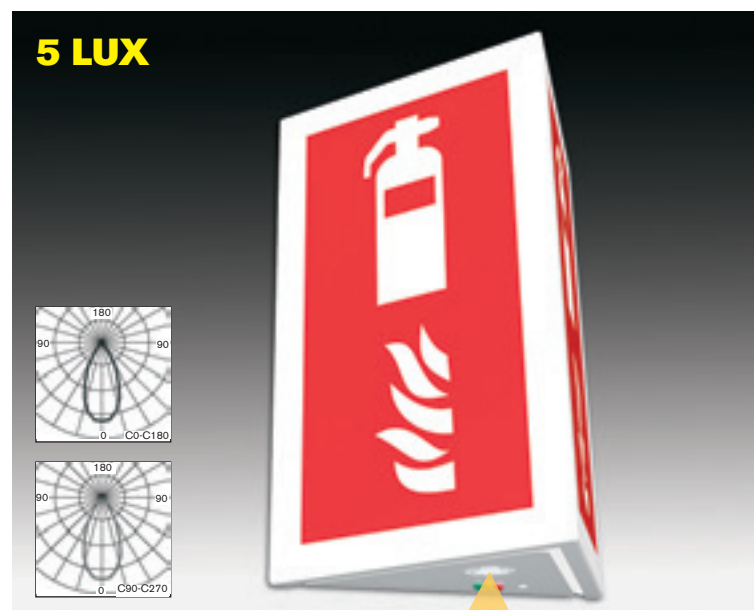


- The self-adhesive **LEGENDS** are not included in standard package. **MUST BE ORDERED AS SEPARATE ITEM !**
- **2pcs/fixture are needed**
- Viewing Distance: 32m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)
- **Samolepiace piktogramy nie sú súčasťou štandardného balenia svietidla. MUSIA BYŤ OBJEDNANÉ AKO SAMOSTATNÁ POLOŽKA !**
- **potrebné 2ks/svietidlo**
- rozoznatelnosť piktogramu: 32m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



### Legends / Piktogramy

Optional Item / Priplatok	Order Code / Objednávaci kód
Picto H Horizontal Mounting / horizontálne	41-B-200-00-00-01
Picto I Horizontal Mounting / horizontálne	41-B-200-00-00-02
Picto J Horizontal Mounting / horizontálne	41-B-200-00-00-03
Picto H Vertical Mounting / vertikálne	41-B-200-00-00-04
Picto I Vertical Mounting / vertikálne	41-B-200-00-00-05
Picto J Vertical Mounting / vertikálne	41-B-200-00-00-06
Picto Z1 Vertical Mounting / vertikálne	41-B-200-00-00-07
Picto Z2 Vertical Mounting / vertikálne	41-B-200-00-00-08



Page No.162

### AUTOTEST -AT NM/M

Type	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITRIPLE2-AT.1h	MidPower LEDs	NA	NiMh 4,8V/1,1Ah	41-B-100-01-00-00	1,5 kg
MULTITRIPLE2-AT.3h	MidPower LEDs	NA	NiMh 4,8V/3,0Ah	41-B-101-02-00-00	1,6 kg
MULTITRIPLE2-AT-A+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	NiMh 4,8V/1,1Ah	41-B-102-01-00-00	1,6 kg
MULTITRIPLE2-AT-B+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	NiMh 4,8V/1,1Ah	41-B-103-01-00-00	1,6 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRIPLELUX2 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	NA	41-B-104-00-00-00	1,2 kg
C.TRIPLELUX2-A+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-105-00-00-00	1,3 kg
C.TRIPLELUX2-B+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-106-00-00-00	1,3 kg
C.TRIPLELUX2-B+1xLED 2x230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-107-00-00-00	1,5 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx



Premium Line  
HighPower LED Emergency Luminaires

## LEDLUX-SPOT2

Thanks to the special design of all LED lenses we can cover all kind of applications such as corridors (escape route) and open areas (escape route lighting)

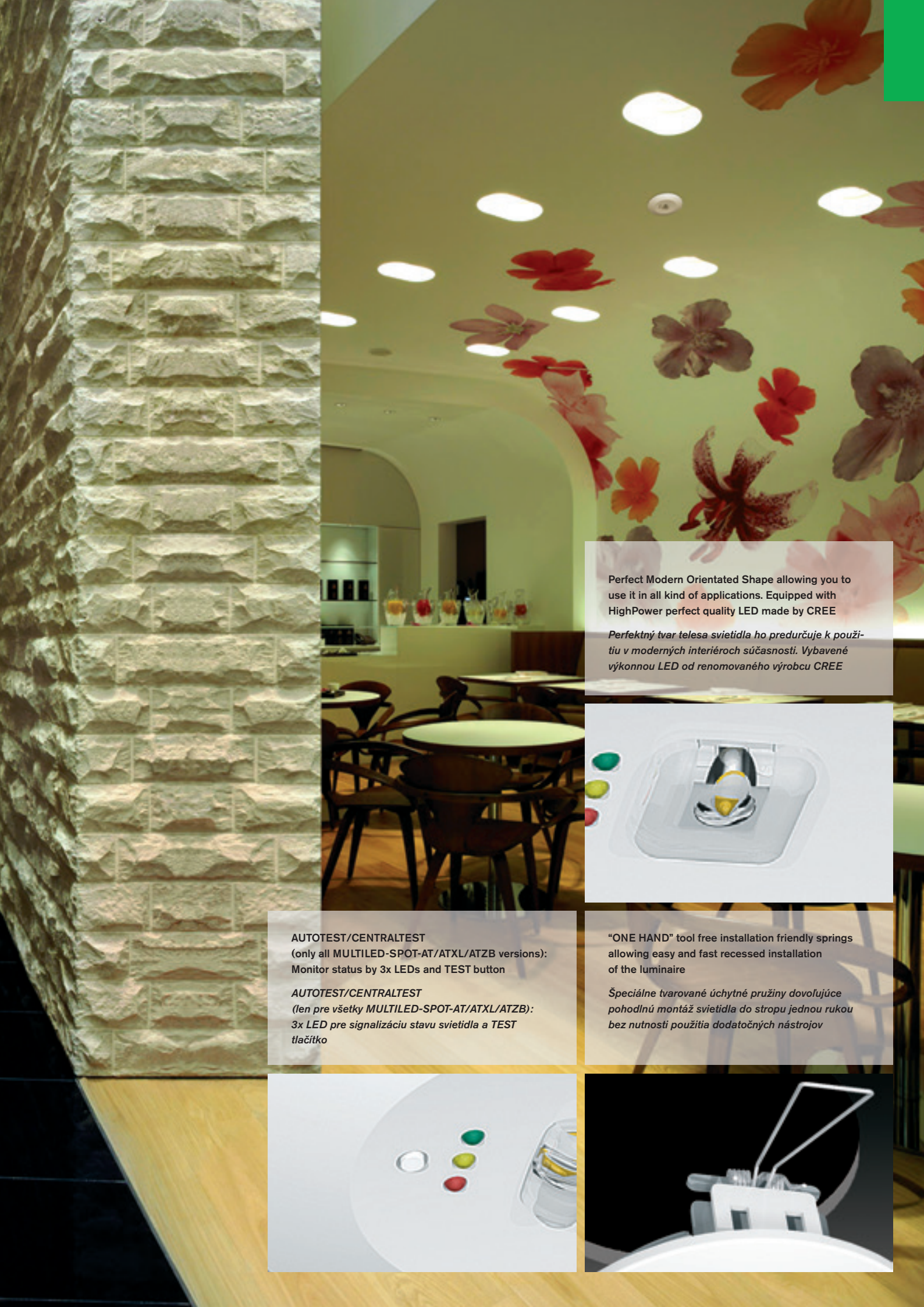
*Vďaka špeciálnym LED šošovkám dokážeme pokryť všetky typy aplikácií ako sú chodby / koridory (escape route) a otvorené priestory (anti-panic)*



Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to <b>126m² &gt; 0.5lx</b>

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing	up to <b>23,5m &gt; 1lx</b>





Perfect Modern Orientated Shape allowing you to use it in all kind of applications. Equipped with HighPower perfect quality LED made by CREE

*Perfektný tvar telesa svietidla ho predurčuje k použitiu v moderných interiéroch súčasnosti. Vybavené výkonnou LED od renomovaného výrobcu CREE*

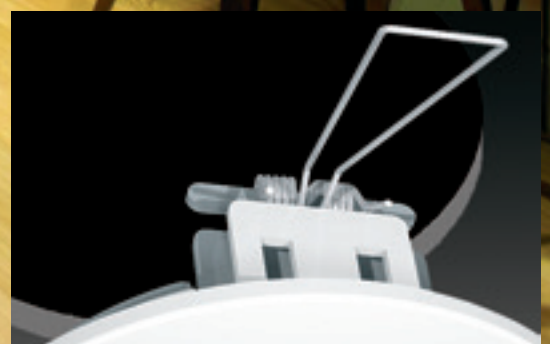


AUTOTEST/CENTRALTEST  
(only all MULTILED-SPOT-AT/ATXL/ATZB versions):  
Monitor status by 3x LEDs and TEST button

*AUTOTEST/CENTRALTEST  
(len pre všetky MULTILED-SPOT-AT/ATXL/ATZB):  
3x LED pre signalizáciu stavu svietidla a TEST tlačítko*

"ONE HAND" tool free installation friendly springs allowing easy and fast recessed installation of the luminaire

*Špeciálne tvarované úchytné pružiny dovoľujúce pohodlnú montáž svietidla do stropu jednou rukou bez nutnosti použitia dodatočných nástrojov*



## C.LEDLUX-SPOT2 / MULTILED-SPOT2

### LOW CEILING Applications <4m

LEDLUX-SPOT2 type series is equipped with the combination of HighPower LED and sophisticated optics. Thanks to the both maximum efficiency and optimal light distribution result in the need for a low number of luminaires for emergency lighting in conformity with relevant standards. It is completely independent of general lighting. Thanks to LEDLUX-SPOT2 design the installation and maintenance is quick and simple. The luminaire proves its application flexibility with its range of installation options.

Moderný a nenápadný design vychádzajúci z kvalitných materiálov predurčuje svietidlo LEDLUX-SPOT2 pre núdzové osvetlenie v súlade s relevantnými normami plne nezávislým na hlavnom osvetlení. Svetidlá sú vybavené vyváženou kombináciou HighPower LED a špeciálnej optiky, čo zaručuje maximálnu účinnosť a optimálnu distribúciu svetla. Vďaka tomu je potrebný malý počet núdzových svietidiel pre vašu aplikáciu. LEDLUX-SPOT2 dokazuje svoju aplikáciu flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting Anti-panic lighting



C.LEDLUX-SPOT-V-A  
MULTILED-SPOT-V-A  
(Page No.254)



C.LEDLUX-SPOT-P-A / MULTILED-SPOT-P-A  
(Page No.260)



C.LEDLUX-SPOT-V-B  
MULTILED-SPOT-V-B  
(Page No.258)



C.LEDLUX-SPOT-P-B / MULTILED-SPOT-P-B  
(Page No.264)

### HEIGH CEILING Applications >4m

**HIGH CEILING** application LEDLUX-SPOT2 HCA/HCB type series is equipped with the combination of all 2xHigh-Power LEDs, sophisticated optics and powerful battery. Thanks to all the high light output, maximum efficiency and optimal light distribution result in the need for a low number of luminaires for heigh ceiling appication emergency lighting in conformity with relevant standards. It is completely independent of general lighting. Thanks to LEDLUX-SPOT2 HCA/HCB design the installation and maintenance is quick and simple.

Typová rada LEDLUX-SPOT2 HCA/HCB je určená pre núdzové osvetlenie priestorov s vysokou výškou stropu. Moderný a nenápadný design vychádzajúci z kvalitných materiálov predurčuje svietidlo LEDLUX-SPOT2 pre núdzové osvetlenie v súlade s relevantnými normami plne nezávislým na hlavnom osvetlení. Svetidlá sú vybavené vyváženou kombináciou 2xHighPower LED, špeciálnej optiky a výkonnej batérie, čo zaručuje vysoký svetelný tok, maximálnu účinnosť a optimálnu distribúciu svetla. Vďaka tomu je potrebný malý počet núdzových svietidiel pre vašu aplikáciu. Inštalácia a údržba svietidiel je rýchla a jednoduchá.

Light source	LED 5000K 410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Escape route lighting High Ceiling Anti-panic lighting



C.LEDLUX-SPOT-P-HCA / MULTILED-SPOT-P-HCA  
(Page No.266)



C.LEDLUX-SPOT-P-HCB / MULTILED-SPOT-P-HCB  
(Page No.270)

### VYSOKÝ STROP Aplikácia >4m



## C.LEDLUX-SPOT2 / MULTILED-SPOT2

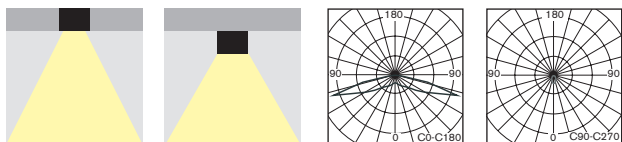
### NÍZKY STROP Aplikácia <4m

#### LEDLUX-SPOT2-A-V / LEDLUX-SPOT2-A-P

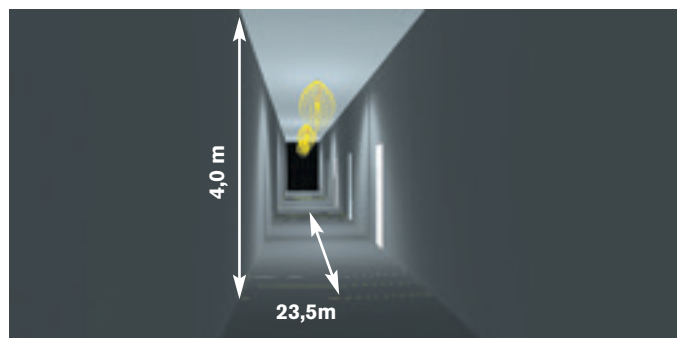
escape routes lighting

LED emergency luminaire for escape route lighting in accordance with EN1838  
Maximum luminaire spacing : up to 23,5m > 1lx

LED núdzové svietidlo pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozstup svietidiel: až 23,5m > 1lx



### LOW CEILING Applications <4m

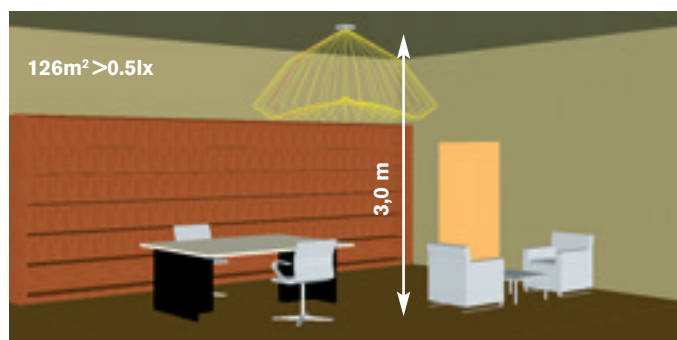
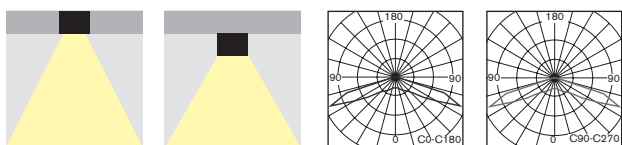


#### LEDLUX-SPOT2-B-V / LEDLUX-SPOT2-B-P

Anti-panic in open area applications

LED emergency luminaire for anti-panic lighting in accordance with EN1838  
Maximum room illumination: up to 126m<sup>2</sup> > 0,5lx

LED núdzové svietidlo pre osvetlenie otvorených priestorov v súlade s EN1838  
Maximálna plocha osvetlenia v otvorenom priestore: až 126m<sup>2</sup> > 0,5lx



Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx

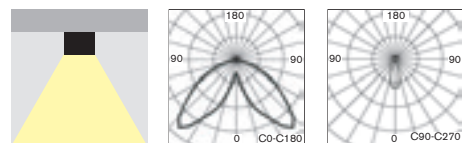
### VYSOKÝ STROP Aplikácia >4m

#### LEDLUX-SPOT2-HCA-P

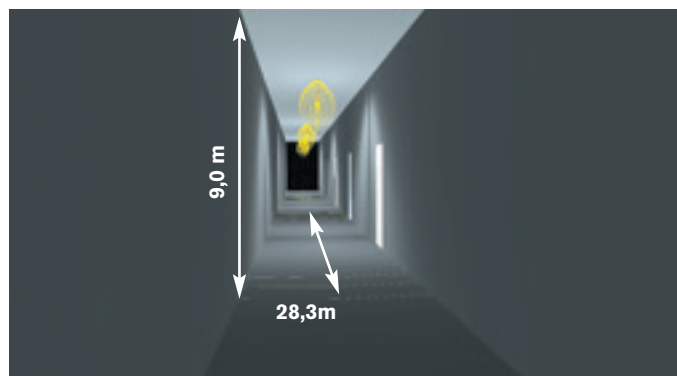
escape routes lighting for **HEIGH CEILING** applications

LED emergency luminaire for escape route lighting in accordance with EN1838  
Designed for high ceiling corridor application up to 9m mounting height  
Maximum luminaire spacing : up to 28,3m > 1lx

LED núdzové svietidlo pre osvetlenie únikovej cesty v súlade s EN1838  
Určené pre montáž na strop až do výšky 9m  
Maximálny rozstup svietidiel: až 28,3m > 1lx



### HEIGH CEILING Applications >4m

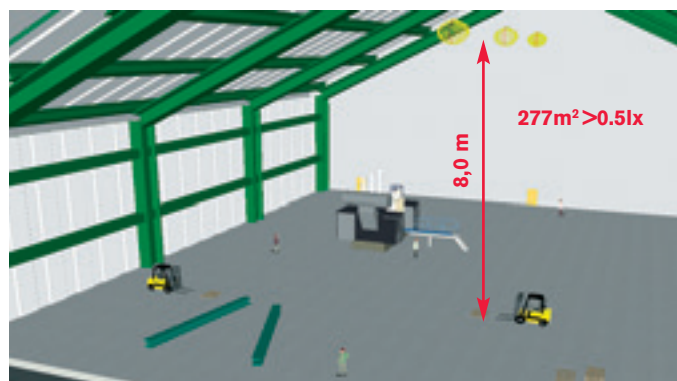
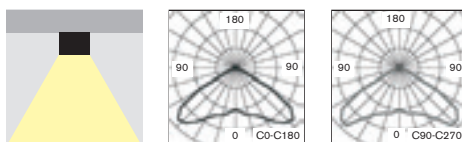


#### LEDLUX-SPOT2-HCB-P

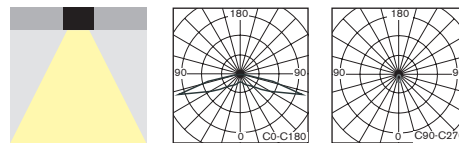
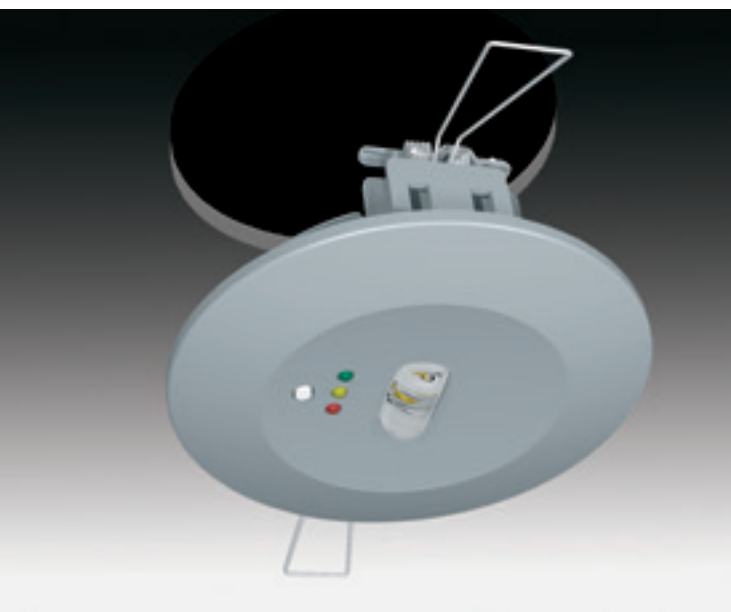
Anti-panic in **HEIGH CEILING** open area applications

LED emergency luminaire for anti-panic lighting in accordance with EN1838  
Designed for high ceiling open area application up to 8m mounting height  
Maximum room illumination: up to 277m<sup>2</sup> > 0,5lx

LED núdzové svietidlo pre osvetlenie otvorených priestorov v súlade s EN1838  
Určené pre montáž na strop až do výšky 8m  
Maximálna plocha osvetlenia v otvorenom priestore: až 277m<sup>2</sup> > 0,5lx



Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx

**C.LEDLUX-A-V-SPOT2 / MULTILED-A-V-SPOT2**

• Small and powerful **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect light distribution **especially** designed for a **corridor applications (escape route illumination to EN1838)**. It is available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (look up page No.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also pages No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white)

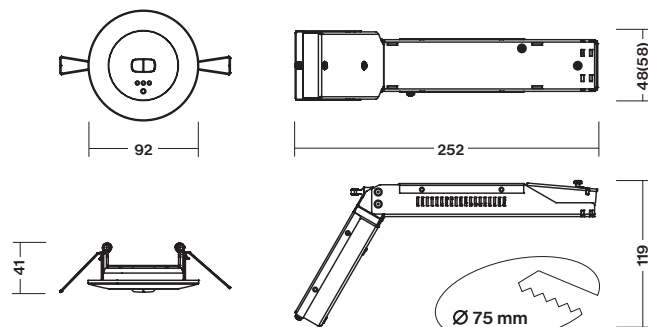
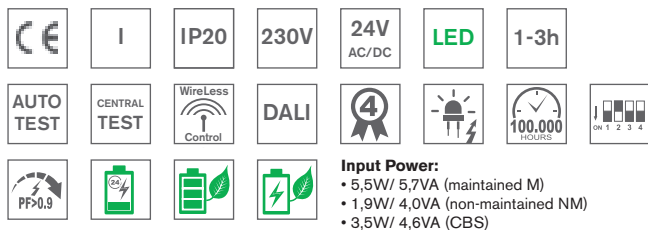
• malé a výkonné LED svetidlo pre **netrvalé (NM)**, **trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre zapustenú montáž zaručujúce vysokú hladinu svetelného toku špeciálne navrhnuté pre osvetlenie chodieb, aj s funkciami:

- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-Wireless systém (str.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (pozri aj str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 alebo RAL9003 (biela)

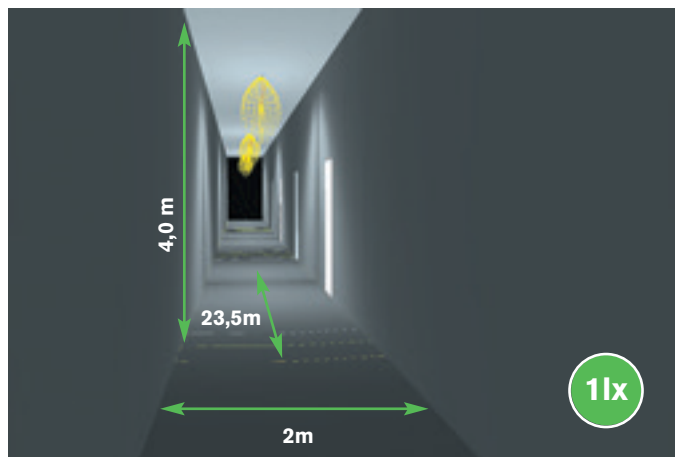
**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181+256)
- **Intelligent battery charging** (intermittent charging, look up page No.181+256)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181+256)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+256)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+256)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181+256)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko



\* Dimensions in the bracket are valid for 3h versions

\* rozmery v zátvorke platia pre 3h verzie

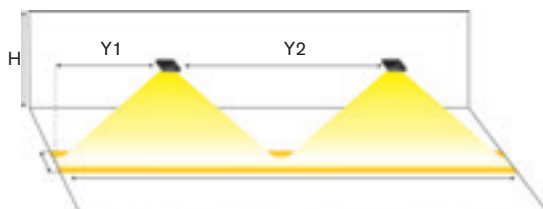




## C.LEDLUX-/ MULTILED-A-V-SPOT2

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-301-01-00-01	0,6 kg
MULTILED-SPOT2-A-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-301-01-00-02	0,6 kg
MULTILED-SPOT2-A-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-301-04-00-01	0,6 kg
MULTILED-SPOT2-A-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-301-04-00-02	0,6 kg
MULTILED-SPOT2-A-V-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-309-02-00-01	0,7 kg
MULTILED-SPOT2-A-V-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-309-02-00-02	0,7 kg

### DALI

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-DALI.1h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-307-02-00-01	0,6 kg
MULTILED-SPOT2-A-V-DALI.1h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-307-02-00-02	0,6 kg
MULTILED-SPOT2-A-V-DALI.3h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-305-02-00-01	0,7 kg
MULTILED-SPOT2-A-V-DALI.3h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-305-02-00-02	0,7 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-310-01-00-01	0,6 kg
MULTILED-SPOT2-A-V-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-310-01-00-02	0,6 kg
MULTILED-SPOT2-A-V-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-311-02-00-01	0,7 kg
MULTILED-SPOT2-A-V-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-311-02-00-02	0,7 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-ATZB.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-312-01-00-01	0,7 kg
MULTILED-SPOT2-A-V-ATZB.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-312-01-00-02	0,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-303-00-00-01	0,5 kg
C.LEDLUX-SPOT2-A-V/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-303-00-00-02	0,5 kg
C.LEDLUX-SPOT2-A-V/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-313-00-00-01	0,5 kg
C.LEDLUX-SPOT2-A-V/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-313-00-00-02	0,5 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V-ATXP/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-314-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-V-ATXP/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-314-00-00-02	0,6 kg

Look up pages No. 328-335 for 1lx Spacing tables

Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx



Premium Line  
Escape route LED Emergency Luminaires  
**LEDLUX-A-V-SPOT2**

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing	up to <b>23,5m &gt; 1lx</b>



**DIP SWITCH FEATURES No. 2-4**  
**DIP PREPÍNAČ č. 2-4 - FUNKCIE**  
**SELF-CONTAINED BATTERY VERSIONS**



**INSTALLATION  
MODE  
SET UP**

ON OFF ☐ ☐ ☐ ☐  
1 2 3 4

**DEFAULT SETTING**  
OFF - ACTIVATED  
ON - DEACTIVATED



**NON-MAINTAINED/  
MAINTAINED  
MODE (NM/ M)  
SET UP**

ON OFF ☐ ☐ ☐ ☐  
1 2 3 4

**DEFAULT SETTING**  
ON - MAINTAINED  
OFF - NON-MAINTAINED



**AUTOTEST AT /  
CENTRALTEST ATXL  
MODE  
SET UP**

ON OFF ☐ ☐ ☐ ☐  
1 2 3 4

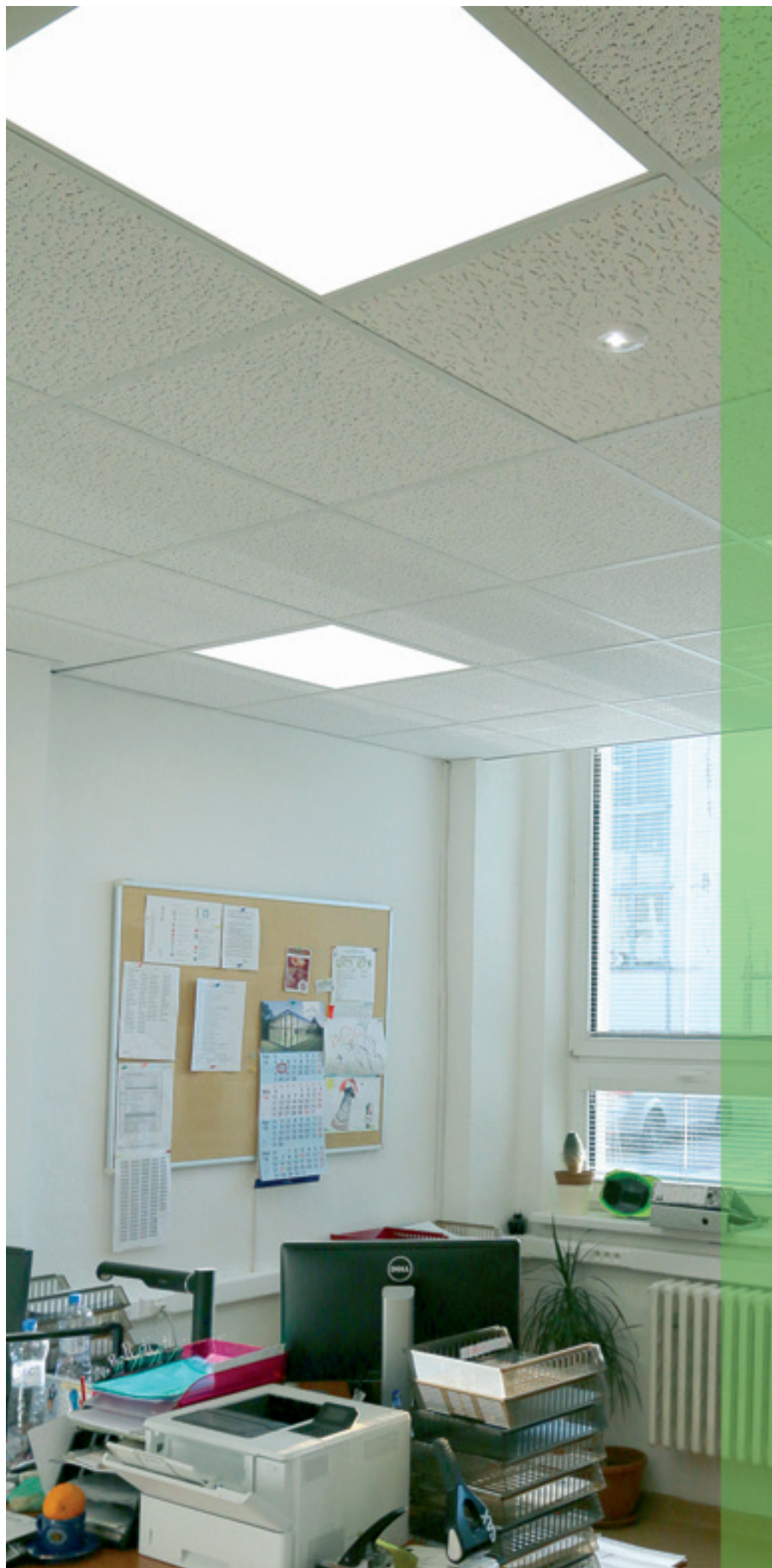
**DEFAULT SETTING**  
OFF - AUTOTEST  
ON - CENTRALTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V  
AND BATTERY**

Po prestavení stlačte **TEST** alebo odpojte batériu a 230V napájanie  
na aktiváciu zmeny

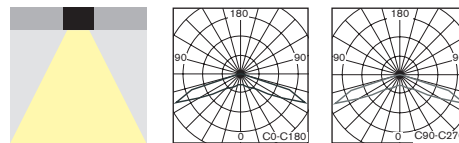
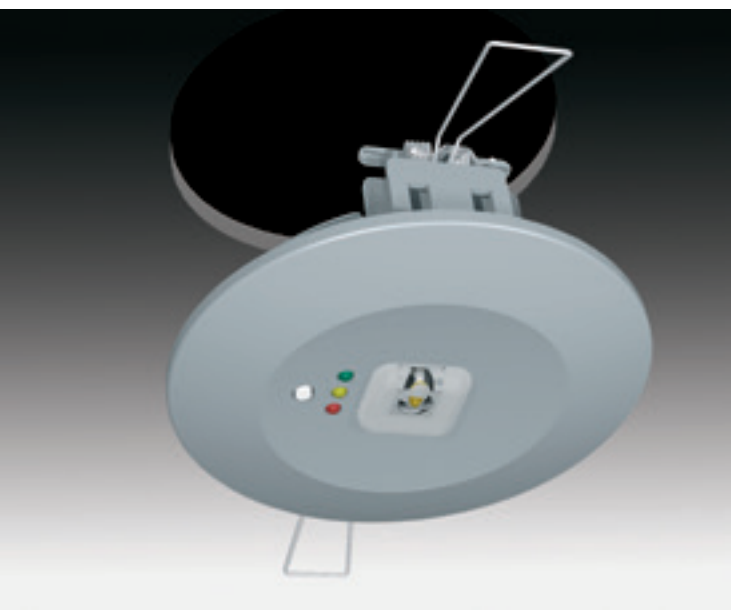
Premium Line  
Anti-panic LED Emergency Luminaire

## LEDLUX-B-V-SPOT2



Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to <b>126m<sup>2</sup></b> > <b>0.5lx</b>



**C.LEDLUX-B-V-SPOT2 / MULTILED-B-V-SPOT2**

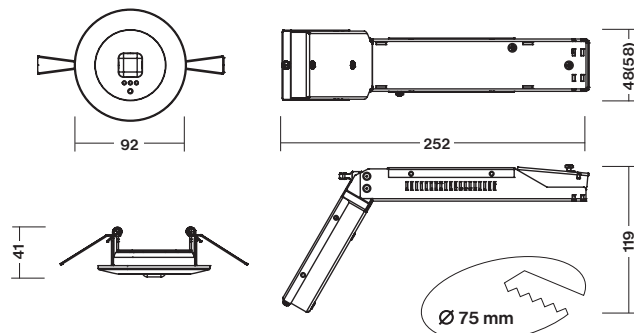
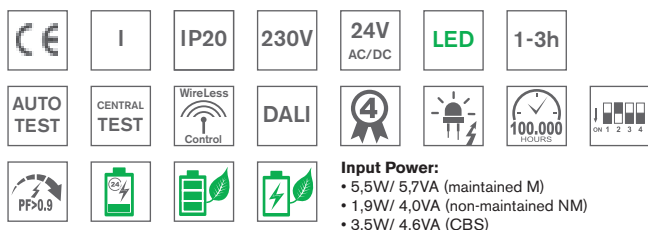
- Small and powerful **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect **wide beam** light distribution **especially designed for a large OPEN AREAS** such as **offices, shops, reception desks, lift areas, entrance halls, classrooms, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (page No.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white)
- malé a výkonné LED svetidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálné (C)** núdzové osvetlenie pre zapustenú montáž zaručujúce vysokú hladinu svetelného toku špeciálne navrhnuté pre osvetlenie otvorených priestorov (vestibul, kancelária, reštaurácia, školské priestory,...) aj s funkciami:
- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX Wireless systém (str.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (pozri aj str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 alebo RAL9003 (biela)

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181+256)
- **Intelligent battery charging** (intermittent charging, look up page No.181+256)
- **DIP Switch** allowing to preset following functions:
- **INSTALLATION MODE** activation/deactivation (look up page No.181+256)
- **Maintained mode** activation /deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalacný mód** (ochrana batérie, pozri aj str.181+256)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+256)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
- **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181+256)
- trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko



\* Dimmensions in the bracket are valid for 3h versions

\* rozmery v zátvorke platia pre 3h verzie

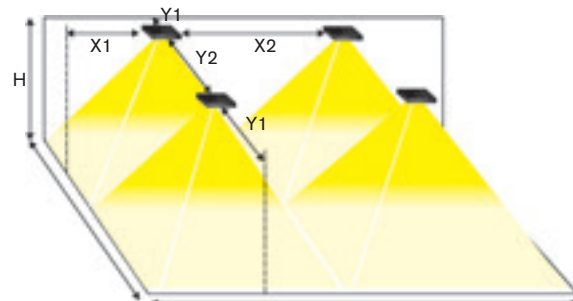




## C.LEDLUX-/ MULTILED-B-V-SPOT2

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	3,8	12,6	3,8	12,6
3,00	3,3	12,7	3,3	12,7
3,50	2,5	11,8	2,5	11,8
4,00	1,8	10,1	1,8	10,1



Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-302-01-00-01	0,6 kg
MULTILED-SPOT2-B-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-302-01-00-02	0,6 kg
MULTILED-SPOT2-B-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-302-04-00-01	0,6 kg
MULTILED-SPOT2-B-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-302-04-00-02	0,6 kg
MULTILED-SPOT2-B-V-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-315-02-00-01	0,7 kg
MULTILED-SPOT2-B-V-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-315-02-00-02	0,7 kg

### DALI

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-DALI.1h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-308-02-00-01	0,6 kg
MULTILED-SPOT2-B-V-DALI.1h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-308-02-00-02	0,6 kg
MULTILED-SPOT2-B-V-DALI.3h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-306-02-00-01	0,7 kg
MULTILED-SPOT2-B-V-DALI.3h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-306-02-00-02	0,7 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-316-01-00-01	0,6 kg
MULTILED-SPOT2-B-V-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-316-01-00-02	0,6 kg
MULTILED-SPOT2-B-V-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-317-02-00-01	0,7 kg
MULTILED-SPOT2-B-V-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-317-02-00-02	0,7 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-ATZB.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-318-01-00-01	0,7 kg
MULTILED-SPOT2-B-V-ATZB.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-318-01-00-02	0,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-V/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-304-00-00-01	0,5 kg
C.LEDLUX-SPOT2-B-V/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-304-00-00-02	0,5 kg
C.LEDLUX-SPOT2-B-V/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-319-00-00-01	0,5 kg
C.LEDLUX-SPOT2-B-V/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-319-00-00-02	0,5 kg

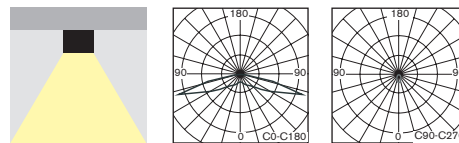
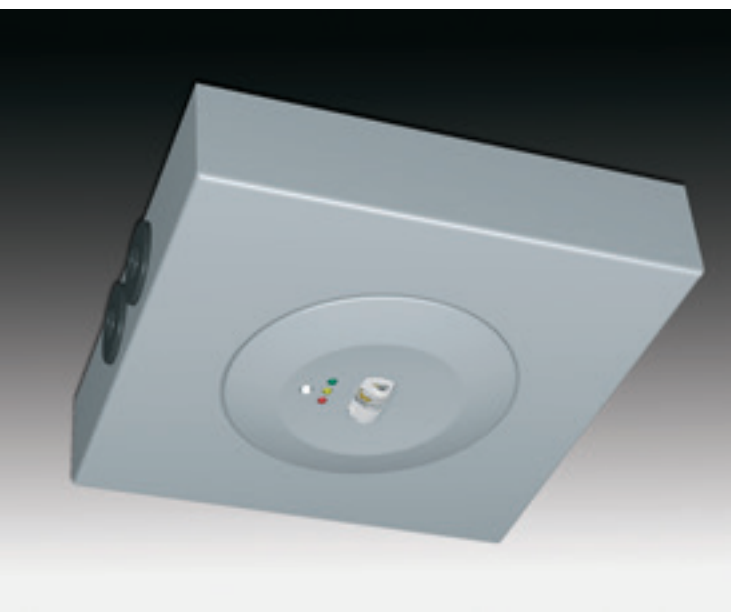
Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-V-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-320-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-V-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-320-00-00-02	0,6 kg

Look up pages No. 328-335 for 1lx Spacing tables

Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

**C.LEDLUX-A-P-SPOT2 / MULTILED-A-P-SPOT2**

- Small and powerful **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect light distribution **especially** designed for a **corridor applications (escape route illumination to EN1838)**. It is available in all following versions:

- **AUTOTEST** (-AT) or **DALI**,
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (look up page No.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.170)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also pages No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 or RAL9003 (white) colour

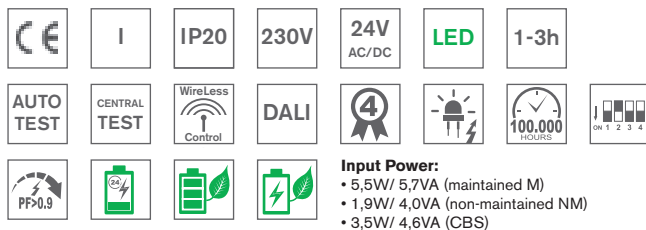
- malé a výkonné LED svetidlo pre **netrvalé (NM)**, **trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž zaručujúce vysokú hladinu svetelného toku špeciálne navrhnuté pre osvetlenie chodieb, aj s funkciami:

- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-Wireless systém (str.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)

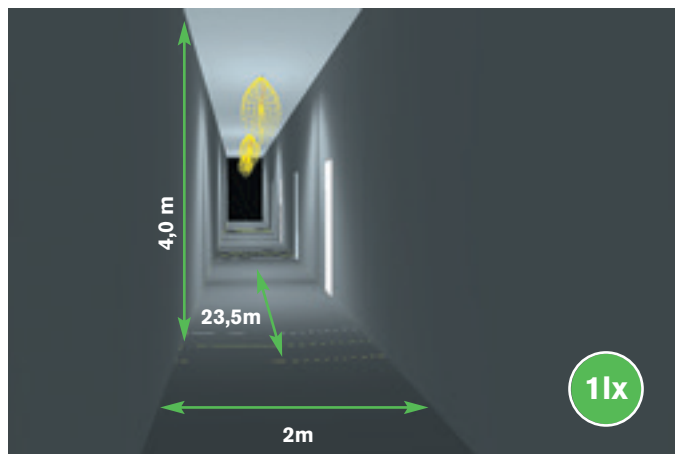
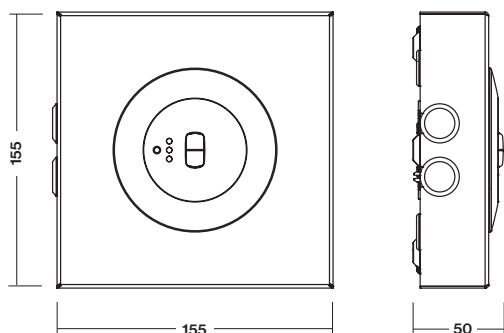
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

**STANDARD FEATURES****STANDARDNÁ VÝBAVA**

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181+256)
- **Intelligent battery charging** (intermittent charging, look up page No.181+256)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181+256)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+256)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+256)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181+256)
  - **trvalé núdzové osvetlenie aktivácia / deaktivácia**
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko

**Input Power:**

- 5,5W/ 5,7VA (maintained M)
- 1,9W/ 4,0VA (non-maintained NM)
- 3,5W/ 4,6VA (CBS)

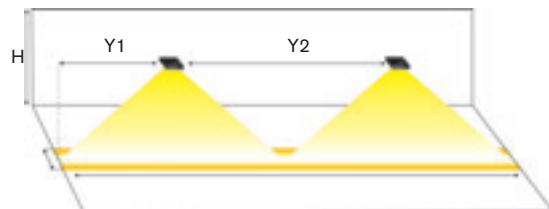




## C.LEDLUX-/ MULTILED-A-P-SPOT2

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-202-01-00-01	0,7 kg
MULTILED-SPOT2-A-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-202-01-00-02	0,7 kg
MULTILED-SPOT2-A-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-202-04-00-01	0,7 kg
MULTILED-SPOT2-A-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-202-04-00-02	0,7 kg
MULTILED-SPOT2-A-P-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-206-02-00-01	0,8 kg
MULTILED-SPOT2-A-P-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-206-02-00-02	0,8 kg

### DALI

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-DALI.1h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-207-02-00-01	0,7 kg
MULTILED-SPOT2-A-P-DALI.1h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-207-02-00-02	0,7 kg
MULTILED-SPOT2-A-P-DALI.3h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-208-02-00-01	0,8 kg
MULTILED-SPOT2-A-P-DALI.3h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-208-02-00-02	0,8 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-209-01-00-01	0,7 kg
MULTILED-SPOT2-A-P-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-209-01-00-02	0,7 kg
MULTILED-SPOT2-A-P-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-210-02-00-01	0,8 kg
MULTILED-SPOT2-A-P-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-210-02-00-02	0,8 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-ATZB.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-211-01-00-01	0,7 kg
MULTILED-SPOT2-A-P-ATZB.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-211-01-00-02	0,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-204-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-204-00-00-02	0,6 kg
C.LEDLUX-SPOT2-A-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-212-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-212-00-00-02	0,6 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-213-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-213-00-00-02	0,6 kg

Look up pages No. 328-335 for 1lx Spacing tables

Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

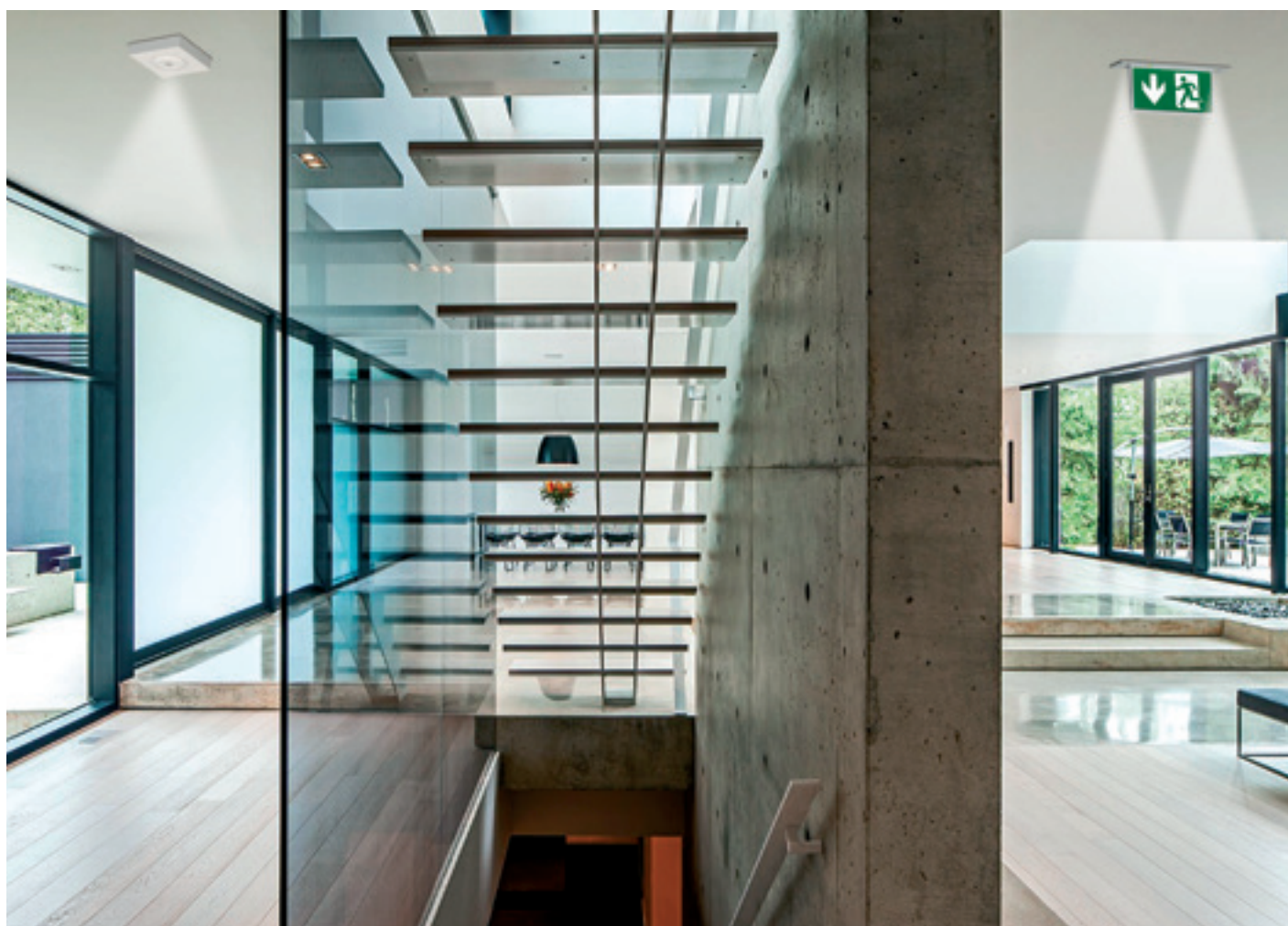


## Premium Line

HighPower Escape Route LED Emergency Luminaires

# C.LEDLUX-A-P-SPOT2 / MULTILED-A-P-SPOT2

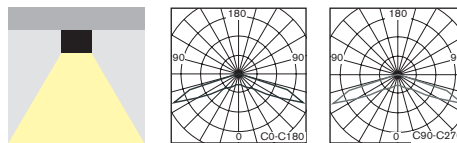
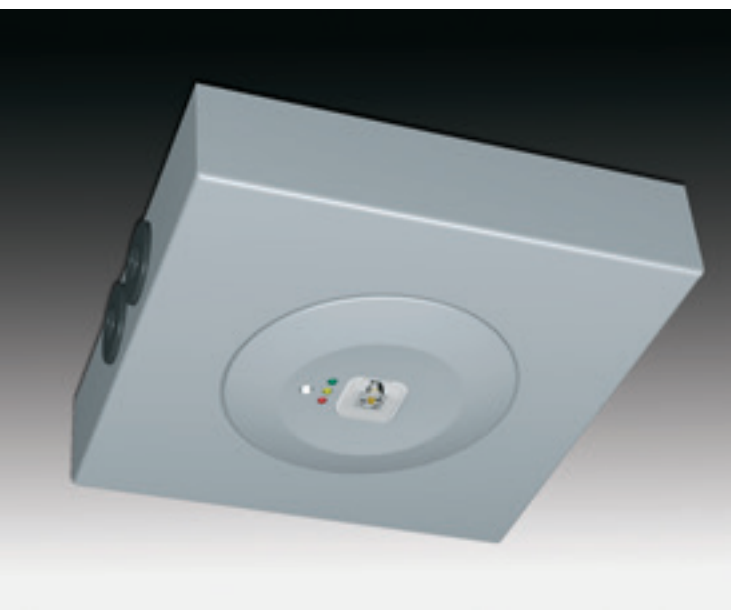
Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing	up to <b>23,5m &gt; 1lx</b>



## C.LEDLUX-B-P-SPOT2 / MULTILED-B-P-SPOT2

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to <b>126m<sup>2</sup> &gt; 0.5lx</b>



**C.LEDLUX-B-P-SPOT2 / MULTILED-B-P-SPOT2**

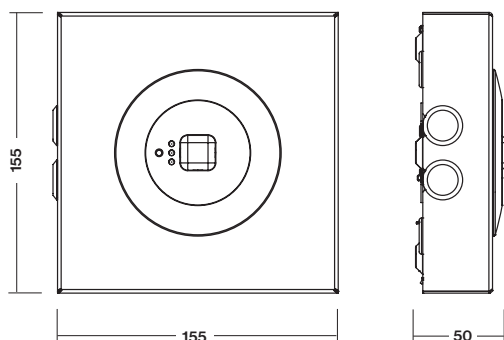
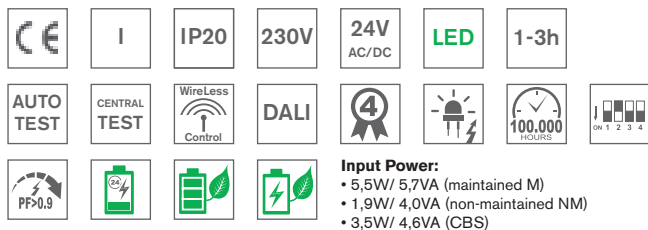
- Small and powerful **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect **wide beam** light distribution **especially** designed for a **large OPEN AREAS** such as **offices, shops, reception desks, lift areas, entrance halls, classrooms, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT) or **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRALTEST** (-ATZB) for **ELMAX Wireless** system (look up page No.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white) colour
- malé a výkonné LED svetidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálné (C)** núdzové osvetlenie pre povrchovú montáž zaručujúce vysokú hladinu svetelného toku so širokou krivkou svietivosti špeciálne navrhnuté pre osvetlenie rozlohou veľkých otvorených priestorov ako napr. kancelárie, obchody, recepcie, nástupný priestor výťahov, vstupné haly školské triedy a pod., aj s funkciami:
- **AUTOTEST** (-AT) alebo **DALI**,
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **bezdrôtový CENTRALTEST** (-ATZB) pre ELMAX-Wireless systém (str.168)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri aj str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH or LiFePo4 Battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181+256)
- **Intelligent battery charging** (intermittent charging, look up page No.181+256)
- **DIP Switch** allowing to preset following functions:
- **INSTALLATION MODE** activation/deactivation (look up page No.181+256)
- **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH alebo LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.181+256)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181+256)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
- **Inštalčný mód** aktivácia / deaktivácia (pozri aj str.181+256)
- trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko

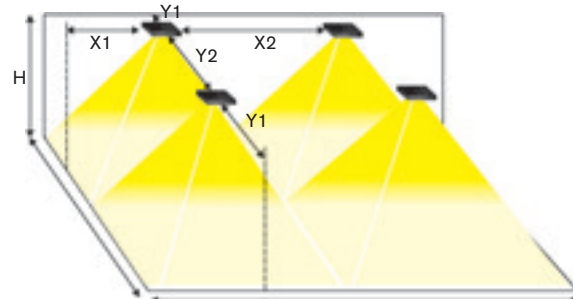




## C.LEDLUX-B-P-SPOT2 / MULTILED-B-P-SPOT2



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX					
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	
2,75	3,8	12,6	3,8	12,6	
3,00	3,3	12,7	3,3	12,7	
3,50	2,5	11,8	2,5	11,8	
4,00	1,8	10,1	1,8	10,1	



Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-203-01-00-01	0,7 kg
MULTILED-SPOT2-B-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-203-01-00-02	0,7 kg
MULTILED-SPOT2-B-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-203-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-203-04-00-02	0,7 kg
MULTILED-SPOT2-B-P-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-214-02-00-01	0,8 kg
MULTILED-SPOT2-B-P-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-214-02-00-02	0,8 kg

### DALI

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-DALI.1h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-215-02-00-01	0,7 kg
MULTILED-SPOT2-B-P-DALI.1h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 4,8V/2,1Ah	182-B-215-02-00-02	0,7 kg
MULTILED-SPOT2-B-P-DALI.3h	White / biela	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-216-02-00-01	0,8 kg
MULTILED-SPOT2-B-P-DALI.3h	Grey / šedá	HighPower LED	120 lm / 220 lm	NiMh 6,0V/2,1Ah	182-B-216-02-00-02	0,8 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-217-01-00-01	0,7 kg
MULTILED-SPOT2-B-P-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-217-01-00-02	0,7 kg
MULTILED-SPOT2-B-P-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-218-02-00-01	0,8 kg
MULTILED-SPOT2-B-P-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/2,1Ah	182-B-218-02-00-02	0,8 kg

Page No.168

### Wireless CENTRALTEST ELMAX-ATZB

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-ATZB.1h	White / biela	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-219-01-00-01	0,7 kg
MULTILED-SPOT2-B-P-ATZB.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	NiMh 4,8V/1,1Ah	182-B-219-01-00-02	0,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-201-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-201-00-00-02	0,6 kg
C.LEDLUX-SPOT2-B-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-220-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-220-00-00-02	0,6 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

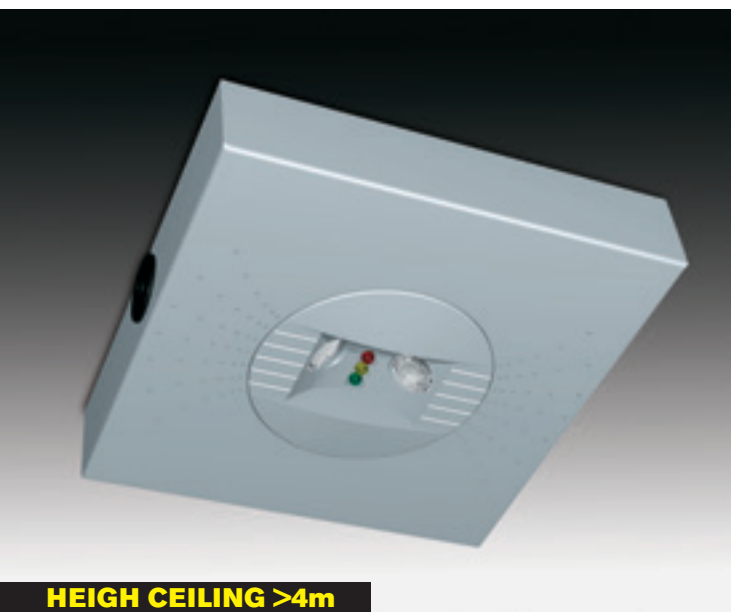
Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-221-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-221-00-00-02	0,6 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

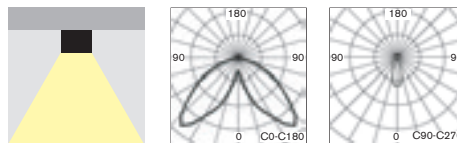
## C.LEDLUX-HCA-P-SPOT2 / MULTILED-HCA-P-SPOT2



**HEIGHT CEILING >4m**



**HEIGHT CEILING >4m**



- **NEW Type** of powerful surface mounted escape-route LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING ESCAPE ROUTE** illumination applications in accordance with EN1838

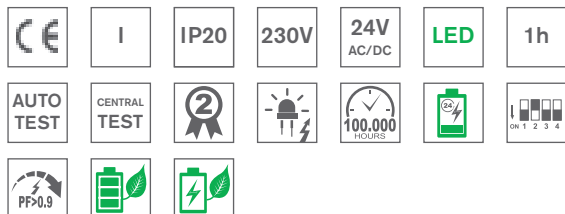
It is available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.177)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003
- **NOVÝ typ** výkonného LED svetidla pre netrválé (NM), trvalé (M) alebo centrálné (C) núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie v koridoroch vo výškach** ako napr. sklady, komunikačné tunely,... aj s funkciami:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

### STANDARD FEATURES

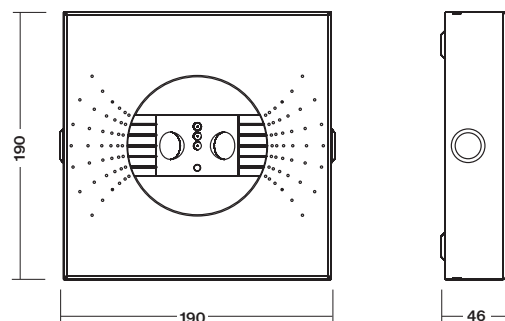
### ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh batéria**
- **špeciálna LED šošovka** pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.181)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko



#### Input Power:

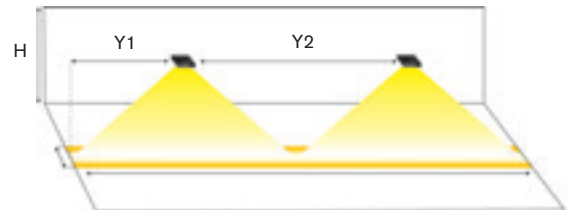
- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)



## C.LEDLUX-HCA-P-SPOT2 / MULTILED-HCA-P-SPOT2



Light source	LED 5000K
LED Light output	410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Escape route lighting
Max luminaire spacing	up to <b>28,3m &gt; 1lx</b>



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Y1 (m)	Y2 (m)
4,00	8,0	18,9
5,00	8,9	21,4
6,00	9,7	23,5
7,00	10,3	25,4
8,00	10,8	26,9
9,00	11,2	28,3

Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCA-P-AT.1h	White / biela	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-222-02-00-01	1,1 kg
MULTILED-SPOT2-HCA-P-AT.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-222-02-00-02	1,1 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCA-P-ATXL.1h	White / biela	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-223-02-00-01	1,2 kg
MULTILED-SPOT2-HCA-P-ATXL.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-223-02-00-02	1,2 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-224-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-224-00-00-02	0,8 kg
C.LEDLUX-SPOT2-HCA-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-225-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-225-00-00-02	0,8 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-226-00-00-01	0,9 kg
C.LEDLUX-SPOT2-HCA-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-226-00-00-02	0,9 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx





Premium Line  
HIGH CEILING ESCAPE ROUTE LED Emergency Luminaires

**LEDLUX-HCA-P-SPOT2**



Premium Line  
HIGH CEILING ANTI-PANIC LED Emergency Luminares

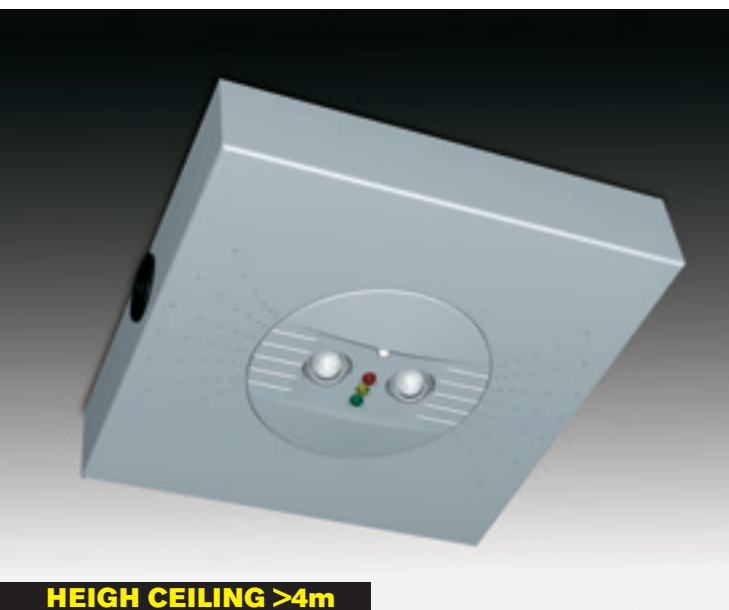
**LEDLUX-HCB-P-SPOT2**



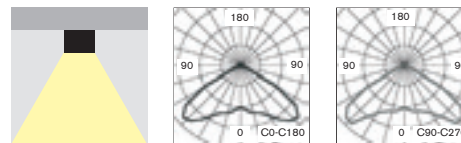
## C.LEDLUX-HCB-P-SPOT2 / MULTILED-HCB-P-SPOT2



**HEIGHT CEILING >4m**



**HEIGHT CEILING >4m**



- **NEW Type** of powerful surface mounted anti-panic LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING OPEN AREA** applications in accordance with EN1838

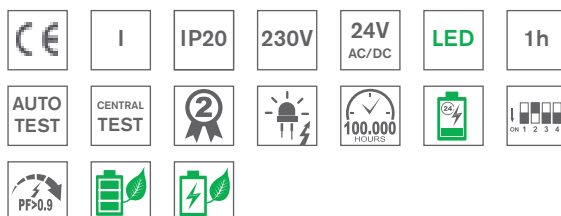
It is available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.166)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)
- **NOVÝ typ** výkonného anti-panic LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie vo veľkých výškach** ako napr. výrobné haly, športové haly, sklady,... aj s funkciami:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.LEDLUX-SPOT) pre **neadresovateľné CBS** (str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

### STANDARD FEATURES

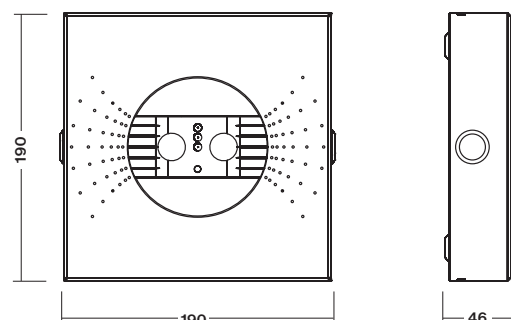
### ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh batéria**
- **špeciálna LED šošovka** pre perfektnú distribúciu svetla
- **Inštaláčny mód** (ochrana batérie, pozri aj str.181)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko



#### Input Power:

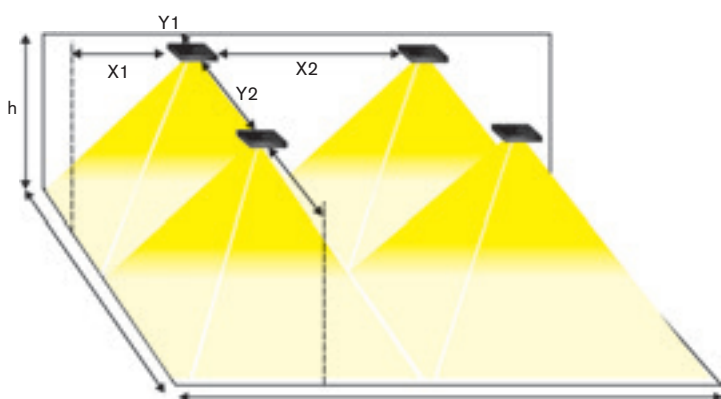
- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)





## C.LEDLUX-HCB-P-SPOT2 / MULTILED-HCB-P-SPOT2

Light source	LED 5000K
LED Light output	410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>277m² &gt; 0.5lx</b>



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
h (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,00	6,0	13,9	6,0	13,9
5,00	6,5	15,9	6,5	15,9
6,00	6,7	17,5	6,7	17,5
7,00	6,4	18,5	6,4	18,5
7,50	4,5	18,7	4,5	18,7
8,00	2,7	18,8	2,7	18,8

Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCB-P-AT.1h	White / biela	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-227-02-00-01	1,1 kg
MULTILED-SPOT2-HCB-P-AT.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-227-02-00-02	1,1 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCB-P-ATXL.1h	White / biela	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-228-02-00-01	1,2 kg
MULTILED-SPOT2-HCB-P-ATXL.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	NiMh 4,8V/4,0Ah	182-B-228-02-00-02	1,2 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCB-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-229-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCB-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-229-00-00-02	0,8 kg
C.LEDLUX-SPOT2-HCB-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-230-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCB-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-230-00-00-02	0,8 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCB-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-231-00-00-01	0,9 kg
C.LEDLUX-SPOT2-HCB-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-231-00-00-02	0,9 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

## C.ROTALUX2-LED / MULTIROTALUX2-LED

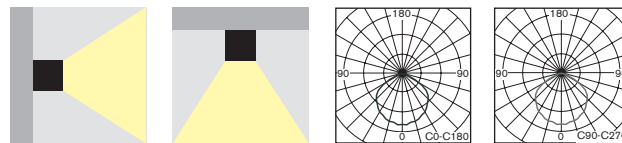
**FOR HEIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**



**HEIGH CEILING >4m**



**HEIGH CEILING >4m**



- **NEW Type of POWERFULL rotatable** ceiling or wall mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING applications where the lighting beam needs to be directed.**

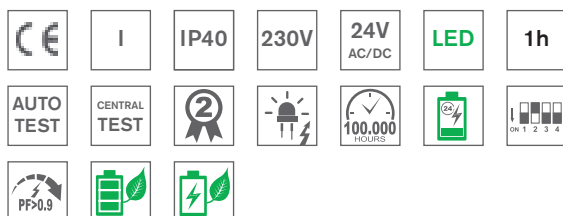
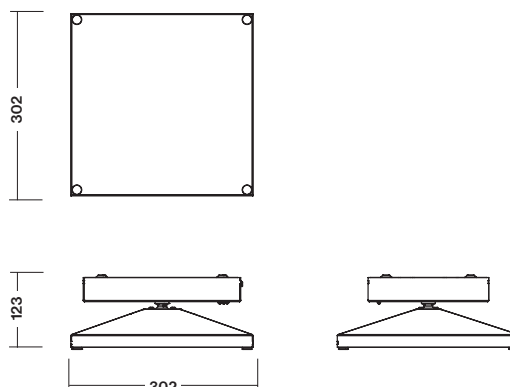
It is available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
- **CENTRAL BATTERY** (C.ROTALUX2) for **non-addressable CBS** (page 174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with powder coat finish RAL9006 (grey) or RAL9003 (white)
  - impact resistant polycarbonate diffuser (PC)
- **NOVÝ typ výkonného LED svetidla s otočným kĺbom pre netrvalé (NM), trvalé (M) alebo centrálne (C) núdzové osvetlenie pre povrchovú montáž na strop alebo kolmú stenu špeciálne navrhnuté pre aplikácie vo veľkých výškach** ako napr. výrobné haly, športové haly, sklady,...všade tam, kde je potrebná možnosť smerovania svetelného toku pomocou otočného kĺbu, aj s funkciami:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.ROTALUX2) pre **neadresovateľné CBS** (pozri aj str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)
  - svetelno-činný kryt z nerozbitného polykarbonátu

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **Rod-end bearing** allowing to direct the lighting beam to the required area
- **NEW Advanced Electronics**
- **LONGLIFE NiMh battery**
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **Jumper** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **guľový kĺb** umožňujúci nasmerovanie svetelného toku do požadovaného priestoru (napr. nad výrobnú technológiu, nakladaciu rampu a pod.)
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)
- **Jumper** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko

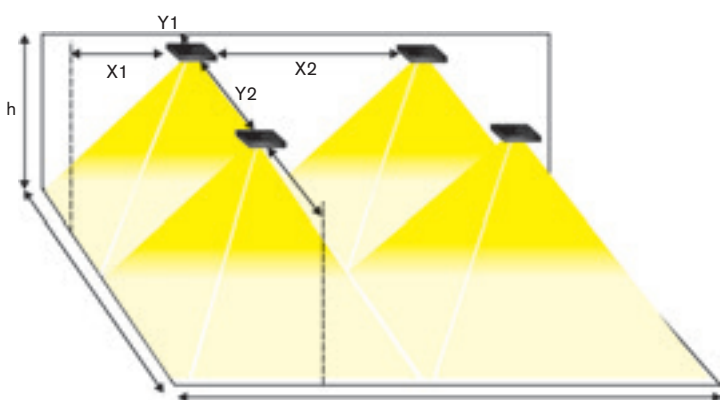


#### Input Power:

- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/36VA (CBS)

Premium Line  
HIGH CEILING HighPower Anti-Panic LED Emergency Luminaires  
**C.ROTALUX2-LED / MULTIROTALUX2-LED**

Light source	LED 5000K
LED Light output	1750lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>845 m² &gt; 0.5lx</b>



1lx SPACING TABLE / ROZMIESTNENIE PRE 1lx				
h (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,00	7,9	18,2	7,9	18,2
5,00	9,0	20,8	9,0	20,8
6,00	9,7	23,3	9,7	23,3
7,00	10,4	25,4	10,4	25,4
8,00	11,0	27,1	11,0	27,1
9,00	11,4	28,3	11,4	28,3
10,00	11,5	29,8	11,5	29,8
11,00	11,6	31,0	11,6	31,0
12,00	11,6	31,7	11,6	31,7
13,00	11,5	32,2	11,5	32,2
14,00	11,2	32,6	11,2	32,6
15,00	11,0	32,7	11,0	32,7
16,00	10,8	32,8	10,8	32,8
17,00	10,1	32,6	10,1	32,6
18,00	9,5	32,5	9,5	32,5
19,00	8,8	32,1	8,8	32,1
20,00	8,1	31,8	8,1	31,8

Page No.162

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIROTALUX2-AT.1h RAL9003	White / biela	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	165-B-100-00-01	4,6 kg
MULTIROTALUX2-AT.1h RAL9006	Grey / šedá	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	165-B-100-00-02	4,6 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIROTALUX2-ATXL.1h RAL9003	White / biela	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	165-B-101-00-01	4,7 kg
MULTIROTALUX2-ATXL.1h RAL9006	Grey / šedá	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	165-B-101-00-02	4,7 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2/230V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	165-B-102-00-01	4,0 kg
C.ROTALUX2/230V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	165-B-102-00-02	4,0 kg
C.ROTALUX2/24V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	1750 lm	165-B-103-00-01	4,0 kg
C.ROTALUX2/24V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	1750 lm	165-B-103-00-02	4,0 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2-ATXP/230V AC/DC RAL9003	White / biela	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	165-B-104-00-01	4,0 kg
C.ROTALUX2-ATXP/230V AC/DC RAL9006	Grey / šedá	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	165-B-104-00-02	4,0 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx



Light source	LED 5000K
LED Light output	1750lm
Housing colour	RAL9003 White
	RAL9006 Grey
Application	High Ceiling
	Anti-panic lighting
Max room illumination	up to <b>845m<sup>2</sup> &gt; 0.5lx</b>

Premium Line  
HIGH CEILING LED Emergency Luminaires


**C.ROTALUX<sup>2</sup>**  
**MULTIROTALUX<sup>2</sup>**





Premium Line  
HIGH CEILING LED Emergency Luminaires

**C.POWERLUX2**  
**MULTIPOWER2**



Light source	LED 5000K
LED Light output	1750lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>707m² &gt; 0.5lx</b>



## C.POWERLUX2-LED / MULTIPOWER2-LED

FOR HEIGH CEILING >4m

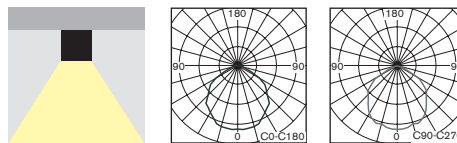
PRE VYSOKÉ STROPY >4m



HEIGH CEILING >4m



HEIGH CEILING >4m

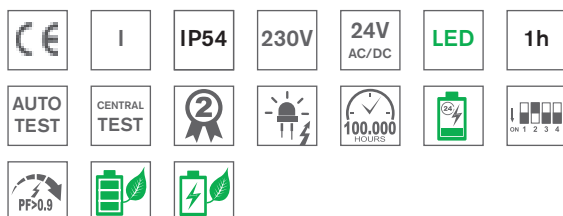
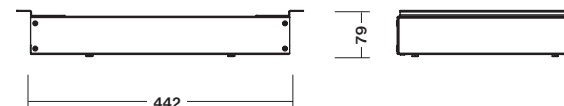
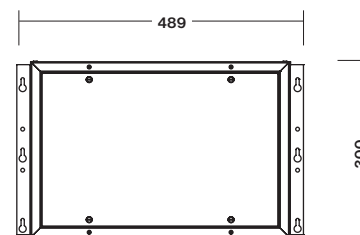


- **NEW Type of POWERFULL** ceiling mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING applications**  
It is available in all following versions:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
  - **CENTRAL BATTERY** (C.POWERLUX2) for **non-addressable CBS** (look up also page No.174)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with powder coat finish RAL9006 (grey) or RAL9003 (white)
  - impact resistant polycarbonate diffuser (PC)
- **NOVÝ typ** výkonného LED svetidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie vo veľkých výškach** ako napr. výrobné haly, športové haly, sklady,...všade tam, kde je potrebná vysoký výkon v núdzovom režime, aj s funkciami:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.POWERLUX2) pre **neadresovateľné CBS** (pozri str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri aj str.170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)
  - svetelno-činný kryt z nerozbitného polykarbonátu

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

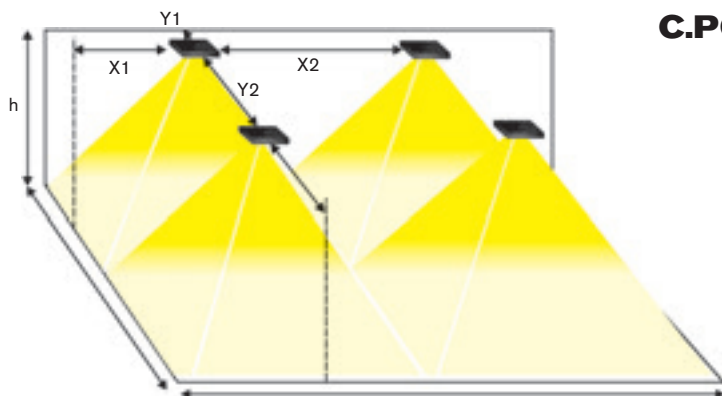
- **High efficient MidPower (150lm/W) LONGLIFE LEDs (>100.000h) 5000K**
- **NEW Advanced Electronics**
- **LONGLIFE NiMH battery**
- **Installation Mode** (battery protection, for more details look up page No.181)
- **Intelligent battery charging** (intermittent charging, look up page No.181)
- **Jumper** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.181)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATZB, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED (150lm/W) so životnosťou min.100000h (5000K)**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMH batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.181)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.181)
- **Jumper** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.181)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATZB, ATXP verzie)
- signalizácia LED a TEST tlačítko



#### Input Power:

- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/ 36VA (CBS)



**C.POWERLUX2-LED / MULTIPOWER2-LED**

Light source	LED 5000K
LED Light output	1750lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>707m² &gt; 0.5lx</b>

**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

h (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,00	7,5	17,3	7,5	17,3
5,00	8,4	19,9	8,4	19,9
6,00	9,1	22,1	9,1	22,1
7,00	9,7	24,0	9,7	24,0
8,00	10,0	25,2	10,0	25,2
9,00	10,2	26,5	10,2	26,5
10,00	10,3	27,6	10,3	27,6
11,00	10,5	28,4	10,5	28,4
12,00	10,6	28,7	10,6	28,7
13,00	10,4	29,2	10,4	29,2
14,00	10,2	29,4	10,2	29,4
15,00	9,7	29,5	9,7	29,5
16,00	9,3	29,8	9,3	29,8
17,00	8,6	30,0	8,6	30,0
18,00	7,7	29,8	7,7	29,8
19,00	7,1	29,3	7,1	29,3
20,00	5,9	28,6	5,9	28,6

Page No.162

**AUTOTEST -AT NM/M**

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2-AT.1h RAL9003	White / biela	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	15-B-100-00-01	5,7 kg
MULTIPOWER2-AT.1h RAL9006	Grey / šedá	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	15-B-100-00-02	5,7 kg

Page No.166

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2-ATXL.1h RAL9003	White / biela	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	15-B-101-00-01	5,8 kg
MULTIPOWER2-ATXL.1h RAL9006	Grey / šedá	MidPower LEDs	1750 lm / 1750 lm	NiMh 7,2V/4,0Ah	15-B-101-00-02	5,8 kg

Page No.174

**CENTRAL BATTERY (CBS)**

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.POWERUX2/230V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-01	5,0 kg
C.POWERUX2/230V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-02	5,0 kg
C.POWERUX2/24V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	1750 lm	15-B-103-00-01	5,0 kg
C.POWERUX2/24V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	1750 lm	15-B-103-00-02	5,0 kg

Page No.170

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	15-B-104-00-01	5,0 kg
C.ROTALUX2-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	15-B-104-00-02	5,0 kg

Look up pages No. 328-335 for 1lx Spacing tables

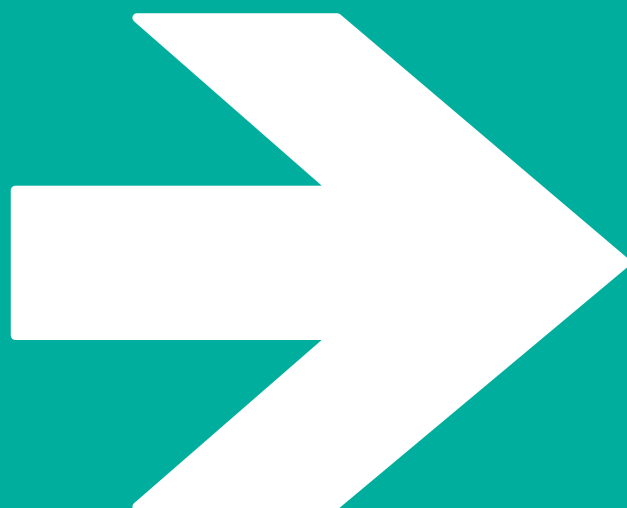
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx

Product Assortment

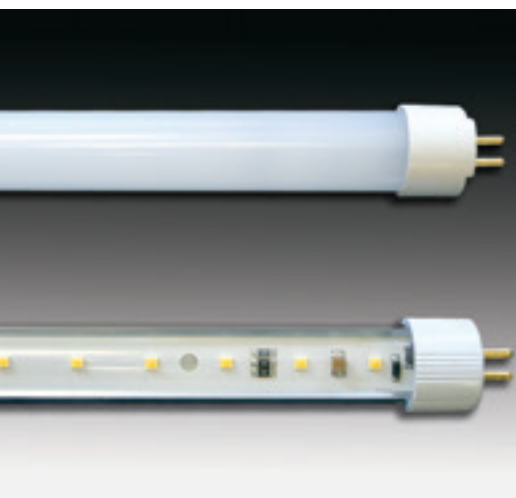
**EMERGENCY**  
LIGHTING

**NÚDZOVÉ**  
OSVETLENIE

# Standard Line



## LED MiniLED LongLife tube for RETROFIT of 8W fluorescent tube



### Popis:

- navrhnuté pre výmenu klasickej žiarivky 8W v núdzových svietidlách SEC (platí len pre verzie AT, ATXL)
- možné použiť aj pre staršie už namontované SEC AT/ATXL 8W núdzové svietidlá alebo pre rovnaké nové počas ich prvomontáže
- nie je nutná žiadna zmena v elektronike alebo zapojení svietidla
- životnosť až 100.000 hod
- vysoká účinnosť LED až 156 lm/W
- svetelný tok +25% v porovnaní s 8W žiarivkou v núdzovom režime
- profesionálny dizajn elektro časti a chladiča
- znižuje emisie CO<sub>2</sub>
- znižuje servisné náklady na výmenu svetelných zdrojov

**SEC MiniLED LongLife** je progresívny vymeniteľný LED svetelný zdroj vyvinutý firmou SEC pre jednoduchý upgrade 8W žiarivkových núdzových svietidiel SEC na LED technológiu so životnosťou až 100000 hod. MiniLED má integrovaný chladič a využíva tie isté elektronické obvody už zabudované vo svietidlách SEC typu AT alebo ATXL, takže nie je potrebná zmena elektroniky svietidla a ani jeho kabeláže.

### Použitie

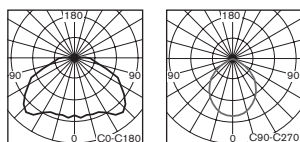
SEC MiniLED LongLife je špeciálne určený pre všetky SEC 8W svietidlá pre trvalé núdzové osvetlenie, ktoré sú v prevádzke non-stop 24hod/denne. Autonómnosť svietidla ostáva nezmenená, ale výkon svietidla s MiniLED LongLife sa zvýši o +25% v porovnaní s pôvodnou 8W žiarivkou. Môže byť použitý či už v namontovaných svietidlách SEC 8W AT/ATXL alebo v takýchto nových svietidlách počas ich prvomontáže. Päťice ostávajú bez zmeny typu G5. Keďže SEC MiniLED LongLife je jednoducho vymeniteľný svetelný zdroj ako klasická žiarivka, užívateľ môže jednoducho modernizovať svoje núdzové svietidlá v budúcnosti aj na novšie LED trubice SEC bez nutnosti výmeny samotného svietidla.

### Elektronika

SEC MiniLED LongLife je možné použiť len vo svietidlách SEC typu AT alebo ATXL. Nie je použiteľný v žiadnom inom svietidle.

### Technické informácie

SEC MiniLED LongLife obsahuje 18ks LED s účinnosťou až 156 lm/W a celkový svetelný tokom až 240lm v núdzovom režime, čo je výrazne viac ako výkon 8W žiarivky počas núdzového režimu.



### Description:

- Designed for retrofit of standard 8W fluorescent tube in SEC emergency luminaires (valid for all SEC AT, ATXL versions only)
- Suitable for either old SEC AT/ATXL 8W emergency lighting fixtures or for currently produced ones
- Neither new electronics nor rewiring is needed
- Upto 100.000 hour lifetime comparin 6000h for traditional 8W tube
- LED High Efficiency up to 156lm/W
- Light output +25% comparing to 8W fluorescent tube during emergency mode
- Excellent thermal and electrical design
- Reduces CO<sub>2</sub> emmissions
- Reduces both service and maintenance costs

### Applications

SEC MiniLED LongLife is especially designed for all maintained 8W SEC emergency lighting fixtures which operates non-stop 24/7. The emergency lighting duration remains unchanged but MiniLED ensures +25% higher light output comparing original 8W fluorescent tube version. You can use it either for an older already installed 8W AT or ATXL lighting fixtures or for a new ones during the first installation. MiniLED LongLife tube is designed for standard G5 sockets. As the LED light tube is as easy to replace as a regular fluorescent tube, customers can easily upgrade to even more efficient SEC LED tube in the future without having to change the entire luminaire. It is smart maintenance cost reduction with a lifetime upto 100.000h comparing 6000 for traditional 8W tube.

### Electronics

SEC MiniLED LongLife must be used just in SEC emergency lighting fixtures version AT or ATXL. It is not compatible with any other electronics.

### Technical information

SEC MiniLED LongLife is equipped with 18pcs of LEDs with high efficiency, up to 156 lm/W and luminous flux during emergency mode up to 240 lm what is even higher then 8W fluorescent tube light output.

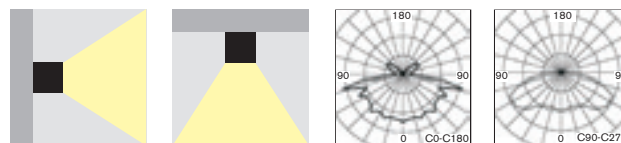
### MiniLED LongLife Light Source

Diffuser Version / kryt trubice	Diffuser white milky PC / opálové PC
Heat Sink / chladič	Aluminum
Light Colour / farba svetla	5000K
8W Tube Compatibility / kompatibilita	100%
Cap / pre päťicu	G5
Normal operation mode light output	290 lm
Emergency mode light output	240 lm
Efficiency / účinnosť	156 lm/W
Order Code / objednávaci kód	18-B-01



## C.NORMALUX-LED / MULTINORMA-LED

**ALSO FOR HIGH CEILING >4m**  
**AJ PRE VYSOKÉ STROPY >4m**



- Equisite solid design surface mounted powerful fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **HEIGHT CEILING Application** version equipped with 9xHighPower LEDs
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.NORMALUX) for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body
- kompaktné a elegantné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **verzia pre aplikáciu VO VEĽKÝCH VÝŠKACH** vybavená **9xHighPower LED**
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.NORMALUX) pre **neadresovateľné CBS** (pozri str. 174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W, 5000K (Lumileds) with the lifetime Min 100.000h**
- Set of self-adhesive legends (H+I+J) complying ISO7010
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP versions only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **výkonné LED 120lm/W, 5000K (Lumileds) so životnosťou min 100000hod**
- sada samolepiacich piktogramov H+I+J v súlade s ISO7010
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko



### OPTIONAL ACCESSORIES

### PRÍPLATKY

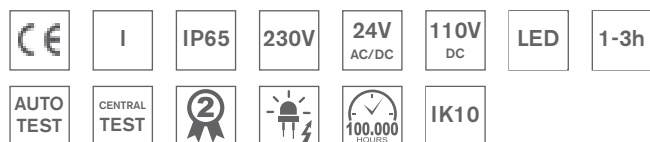
- Suspended plexi with single sided or double sided legend (look up page 282)
- Wall or ceiling mounting brackets (look up page No.282)
- Protective steel cage (look up page No.282)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.282)
- nástenná, stropná alebo stropná závesná konzola (pozri str.282)
- ochranný kovový kôš (pozri str.282)



Optional Suspended plexi with Legends  
Príplatkové závesné plexi s piktogramom  
(look up also page No.282)



Optional Brackets and Protective Steel Cage  
Príplatkové konzoly a ochranná mreža  
(look up also page No.282)

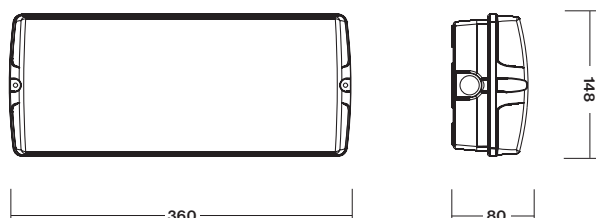


#### Input Power (5xLED):

- 11,5W / 15,3VA (maintained M)
- 2,2W / 5,7VA (non-maintained NM)
- 8,5W / 10,9VA (CBS)

#### Input Power (3xLED):

- 8W / 11,8VA (maintained M)
- 2,7W / 5,5VA (non-maintained NM)
- 5,7W / 8,7VA (CBS)



## C.NORMALUX-LED / MULTINORMA-LED



### NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA 3xLED.1h	NM/M	1h	3x HighPower LED	342 lm / 342 lm	NiMh 4,8V/2,1Ah	252-B-14	1,5 kg
MULTINORMA 3xLED.3h	NM/M	3h	3x HighPower LED	342 lm / 342 lm	NiMh 4,8V/4,0Ah	252-B-15	1,6 kg

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA-AT 3xLED.1h	NM/M	1h	3x HighPower LED	457 lm / 414 lm	NiMh 4,8V/3,0Ah	252-B-16	1,5 kg
NORMALUX-AT 9xLED.1h	NM	1h	9x HighPower LED	- / 1240 lm *	NiMh 9,6V/4,0Ah	252-B-32	1,8 kg

### AUTOTEST DALI

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA-AT DALI 8xLED.1h	NM/M	1h	8x MidPower LED	180 lm / 180 lm	NiMh 2,4V/2,2Ah	252-B-41	1,5 kg

### DALI (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.NORMALUX-DALI 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	700 lm	252-B-51	1,2 kg

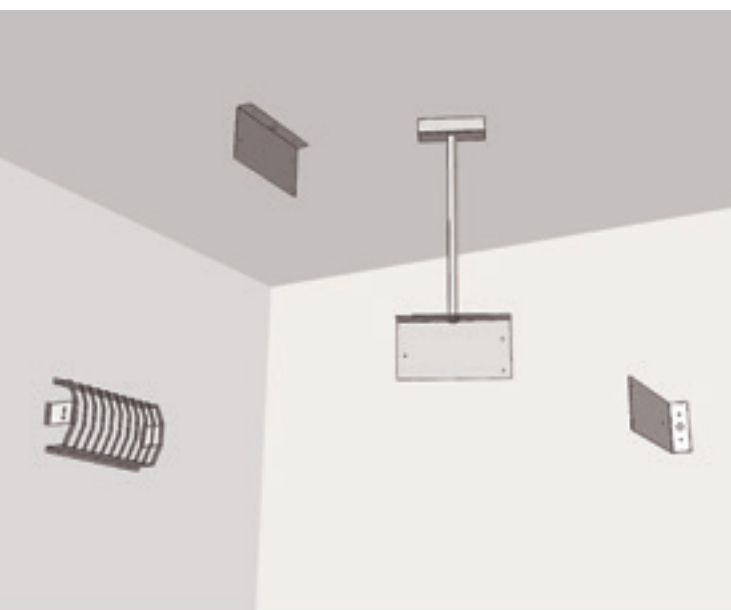
Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.NORMALUX 3xLED/230V AC/DC	CBS NON-ADDRESSABLE	3x HighPower LED	450 lm	252-B-19	1,2 kg
C.NORMALUX 3xLED/24V AC/DC	CBS NON-ADDRESSABLE	3x HighPower LED	450 lm	252-B-28	1,2 kg
C.NORMALUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	760 lm	252-B-20	1,2 kg
C.NORMALUX 5xLED/24V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	760 lm	252-B-31	1,2 kg
C.NORMALUX 6xLED/110V DC	CBS NON-ADDRESSABLE	6x HighPower LED	858 lm	252-B-44	1,2 kg
C.NORMALUX 9xLED/230V AC/DC	CBS NON-ADDRESSABLE	9x HighPower LED	1240 lm *	252-B-34	1,2 kg

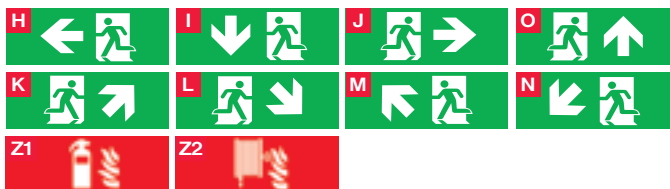
\* All 9xHighPower LED versions are designed for **Heigh Ceiling Application** (for 1lx spacing tables look up also page No.328-335)

\* všetky 9xHighPower LED verzie sú určené **pre aplikáciu vo vysokých výškach** (pozri aj str. 328+335 pre 1lx tabuľky)

**NORMALUX / MULTINORMA**

- Suspended plexi with single or double sided legend complying ISO7010
- Viewing Distance: 35m
- závesné plexi s jednostranným alebo obojstranným piktogramom v súlade s ISO7010
- rozoznateľnosť piktogramu: 35m

Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	252-B-23-05
Suspended plexi I doublesided / obojstranné	252-B-23-01
Suspended plexi H singlesided / jednostranné	252-B-23-06
Suspended plexi I singlesided / jednostranné	252-B-23-04
Suspended plexi J singlesided / jednostranné	252-B-23-07
Suspended plexi K/M doublesided / obojstranné	252-B-23-08
Suspended plexi L/N doublesided / obojstranné	252-B-23-09
Suspended plexi K singlesided / jednostranné	252-B-23-10
Suspended plexi L singlesided / jednostranné	252-B-23-11
Suspended plexi M singlesided / jednostranné	252-B-23-12
Suspended plexi N singlesided / jednostranné	252-B-23-13
Suspended plexi O singlesided / jednostranné	252-B-23-16
Suspended plexi O doublesided / obojstranné	252-B-23-17
Suspended plexi Z1 doublesided / obojstranné	252-B-23-21
Suspended plexi Z2 doublesided / obojstranné	252-B-23-22

**Options:**

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

**Príplatky:**

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item : Príplatok :	Order Code : objednávaci kód :
Wall mounting bracket / nástenná konzola RAL9003	252-B-22-00
Ceiling mounting bracket / stropná konzola RAL9003	252-B-22-01-01
Ceiling mounting bracket / stropná konzola RAL9006	252-B-22-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9003	252-B-22-12-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9006	252-B-22-12-02
Pendant bracket 0,65m / závesná konz. 0,65m RAL9006	252-B-22-09
Pendant bracket 1,0m / závesná konzola 1,0m RAL9003	252-B-22-10-01
Pendant bracket 1,5m / závesná konzola 1,5m RAL9003	252-B-22-11-01
Protective steel cage / ochranný kôš RAL9003	252-B-22-05



Parking garage area emergency lighting application

**C.NORMALUX-LED / MULTINORMA-LED**

Light source	LED 5000K
Installed load	11.5W/15.3VA (maintained M)
5xLED	2.2W/5.7VA (non-maintained NM)
	8.5W/10.9VA (CBS)
Installed load	8W/11.8VA (maintained M)
3xLED	2.7W/5.5VA (non-maintained NM)
	5.7W/8.7VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32-35m



Project:  
Shopping Mall AUPARK  
Bratislava (SK)  
Project by:  
ECO-LOGIC s.r.o.  
[www.ecologic.sk](http://www.ecologic.sk)

Suspended Bracket Mounted Emergency Luminaire

## MULTINORMA-LED



Project:  
Shopping Mall AUPARK  
Bratislava (SK)  
Project by:  
ECO-LOGIC s.r.o.  
[www.ecologic.sk](http://www.ecologic.sk)



Light source	LED 5000K
Installed load	11.5W/15.3VA (maintained M)
5xLED	2.2W/5.7VA (non-maintained NM) 8.5W/10.9VA (CBS)
Installed load	8W/11.8VA (maintained M)
3xLED	2.7W/5.5VA (non-maintained NM) 5.7W/8.7VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32-35m

Suspended Bracket Mounted Emergency Luminaire

## MULTINORMA-LED

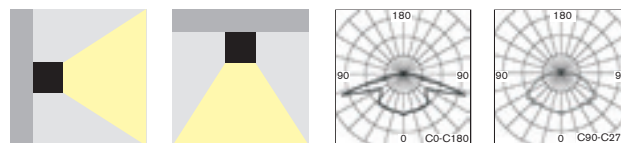
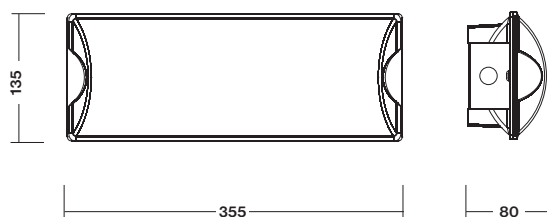
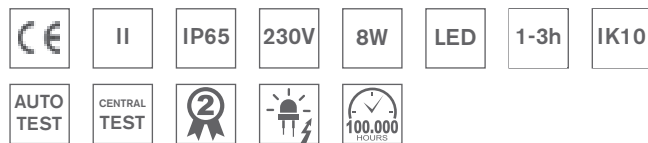


Project:  
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[www.ecologic.sk](http://www.ecologic.sk)



**PICTORLUX / MULTIPICTOR 8W/LED**

↔ 26m/8W  
↔ 28m/LED



- Solid design surface mounted powerful fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.PICTORLUX) for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body

- kompaktné a elegantné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrválne (NM) alebo pre trvalé/netrválne (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.PICTORLUX) pre **neadresovateľné CBS** (pozri str. 174)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- **HighPower LEDs 120lm/W, 5000K with the life time >100.000h** (valid for LED versions only)
- Set of self-adhesive legends (H+I+J)
- LEDs indicating both presence of power supply and signaling failures
- TEST button

- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod** (platí len pre LED verzie)
- sada samolepiacich piktogramov H+I+J
- signalizácia LED a TEST tlačítko

**OPTIONAL ACCESSORIES****PRIPLATKY**

- Suspended plexi with single sided or double sided legend (look up page No.287)
- Wall or ceiling mounting brackets
- Protective steel cage
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.287)
- nástenná, stropná alebo stropná závesná konzola
- ochranný kovový kôš

Optional Item / Priplatek	Order Code / objednávací kód
Wall mounting bracket / nástenná konzola	259-B-18-00
Ceiling mounting bracket / stropná konzola	259-B-18-01
Pendant bracket 0,5m / závesná konzola 0,5m	259-B-18-02
Pendant bracket 1,0m / závesná konzola 1,0m	259-B-18-03
Protective steel cage / ochranný kôš	259-B-00-02



Optional Suspended plexi with Legends  
Priplatkové závesné plexi s piktogramom  
(look up also page No.287)



Optional Brackets and Protective Steel Cage  
Priplatkové konzoly a ochranná mreža

## PICTORLUX / MULTIPICOR 8W/LED

- Suspended plexi with single or double sided legend
  - Viewing Distance 32m/35m
- závesné plexi s jednostranným alebo obojstranným piktogramom
  - rozoznatelnosť piktogramu 32m/35m



Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/I doublesided / obojstranné	259-B-19-06
Suspended plexi I doublesided / obojstranné	259-B-19-07
Suspended plexi I singlesided / jednostranné	259-B-19-09



NM/M							
Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
PICTORLUX 8W.1h	NM	1h	8W / G5	- / 131 lm	NiCd 3,6V/1,8Ah	259-B-00-03-00	1,2 kg
MULTIPICOR 3xLED.1h	NM/M	1h	3x HighPower LED	280 lm / 230 lm	NiMh 4,8V/2,1Ah	259-B-10	1,3 kg
MULTIPICOR 8xLED.3h	NM/M	3h	8x Low Power LED	60 lm / 60 lm **	NiMh 4,8V/0,85Ah	259-B-24-02-00-00	1,2 kg

Page No.166

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPICOR-AT 12xLED.1h	NM/M	1h	12x Low Power LED	90 lm / 90 lm **	NiMh 4,8V/0,85Ah	259-B-25-02-00-00	1,3 kg
MULTIPICOR-AT 12xLED.3h	NM/M	3h	12x Low Power LED	90 lm / 90 lm **	NiMh 4,8V/2,1Ah	259-B-26-02-00-00	1,4 kg
MULTIPICOR-AT 8W.1h	NM/M	1h	8W / G5	410 lm / 205 lm	NiMh 4,8V/2,1Ah	259-B-04-03-00	1,3 kg
MULTIPICOR-AT 5xLED.1h	NM/M	1h	5x HighPower LED	470 lm / 366 lm	NiMh 4,8V/4,0Ah	259-B-13-03-00	1,4 kg

Page No.178

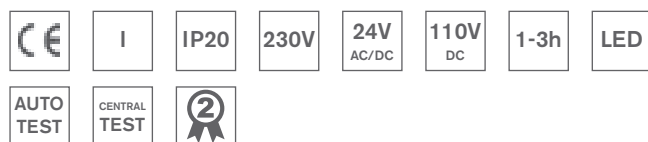
### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PICTORLUX 12xLED/230V AC/DC	CBS NON-ADDRESSABLE	12x Low Power LED	90 lm **	259-B-27-00-00-00	1,0 kg
C.PICTORLUX 8W/230V AC/DC	CBS NON-ADDRESSABLE	8W / G5	410 lm	259-B-09-02-00	1,0 kg
C.PICTORLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	470 lm	259-B-16-02-00	1,1 kg

Look up pages No. 328-335 for 1x Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1x

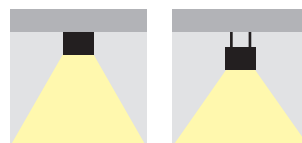
\*\* Especially suitable for emergency sign illumination / applications  
\*\* Vhodné najmä pre aplikácie, kde je na svetidlo piktogram

## C.LEDLUX-P / MULTILED-P



### Input Power:

- 3,9W / 7,4VA (maintained M)
- 2,6W / 5,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)



- Modern design **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white) or RAL9005 (black)
- stropné moderné LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálné (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod., aj s funkciami:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela) alebo RAL9005 (čierna)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- LEDs indicating both presence of power supply and signaling failures
- TEST button
- signalizácia LED a TEST tlačítko

### OPTIONAL ACCESSORIES

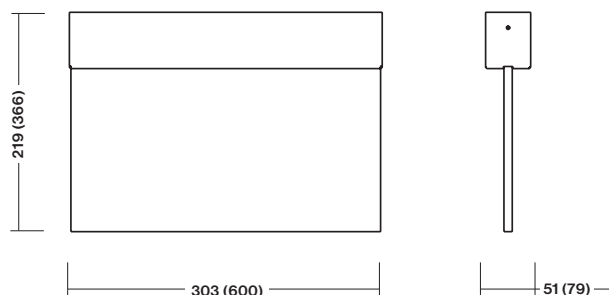
### PRIPLATKY

- **Special suspended plexi with layered design for perfect smooth illumination of legend. It must be ordered as a separate item- look up page No.290**
- Wall or ceiling mounting brackets (look up page No.291)
- Wire rope suspension set (look up page No.291)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- viď strana 290 pre detaily)**
- nástenná, stropná alebo stropná závesná konzola (pozri str. 291)
- lanková závesná sada (pozri str. 291)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)





## C.LEDLUX-P / MULTILED-P



\* Dimensions in the bracket are valid for all "BIG" versions  
\* rozmery v zátvorke platia pre "BIG" verzie

NM/M							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-103-05-00	1,2 kg
MULTILED-P 3h RAL9003	Only Body, No Plexi incl.	White / biela	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-05-07-F1	1,2 kg
MULTILED-P 3h RAL9005	Only Body, No Plexi incl.	Black / čierna	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-05-07-02	1,2 kg

AUTOTEST -AT NM/M							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P-AT 1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-05-00	1,2 kg
MULTILED-P-AT 1h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-06-00	1,2 kg
MULTILED-P-AT 1h RAL9005	Only Body, No Plexi incl.	Black / čierna	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-10-03	1,2 kg
MULTILED-P-AT 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-108-05-00	1,3 kg
MULTILED-P-AT 3h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-108-06-00	1,3 kg

AUTOTEST -AT NM/M version "BIG"							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P-BIG-AT 1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	9x PowerLED	1h	NiMh 9,6V/4,0Ah	85-B-74-05-00	3,5 kg
MULTILED-P-BIG-AT 1h RAL9003	Only Body, No Plexi incl.	White / biela	9x PowerLED	1h	NiMh 9,6V/4,0Ah	85-B-74-05-05	3,5 kg

Page No.174

CENTRAL BATTERY (CBS)						
Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-P 230V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-13-13-00	1,0 kg
C.LEDLUX-P 230V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-13-14-01	1,0 kg
C.LEDLUX-P 230V AC/DC RAL9005	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	12x LED	85-B-13-06-02	1,0 kg
C.LEDLUX-P 24V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-07-10-00	1,0 kg
C.LEDLUX-P 24V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-07-11-00	1,0 kg

Page No.174

CENTRAL BATTERY (CBS) version “BIG”						
Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-P-BIG 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	9xPower LED	85-B-78-01-00	3,0 kg
C.LEDLUX-P-BIG 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	9xPower LED	85-B-78-01-00-F1	3,0 kg

## Suspended Plexi / závesné plexi s piktogramom

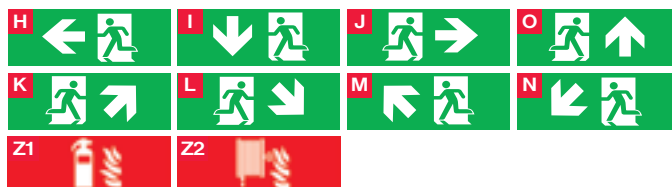


• It is not included in standard package. It must be ordered as separate item !

- Viewing Distance 26m for all H,I,J,K,L,M,N versions in accordance with ISO7010
- Viewing Distance 57m for all **BIG** versions

• nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !

- rozoznateľnosť piktogramu 26m pre všetky H,I,J,K,L,M,N verzie v súlade s ISO7010
- rozoznateľnosť piktogramu 57m pre všetky **BIG** verzie



### For 8xLED / 12xLED versions

Optional Item / Príplatok	Order Code / Objednávaci kód
Double sided plexi H/J, obojstranné plexi H/J	85-B-312-23-01
Double sided plexi I, obojstranné plexi I	85-B-312-21-01
Single sided plexi H, jednostranné plexi H	85-B-312-29-01
Single sided plexi I, jednostranné plexi I	85-B-312-20-01
Single sided plexi J, jednostranné plexi J	85-B-312-30-01
Double sided plexi K/M, obojstranné plexi K/M	85-B-19-40-01
Double sided plexi L/N, obojstranné plexi L/N	85-B-19-41-01
Single sided plexi K, jednostranné plexi K	85-B-19-46-01
Single sided plexi L, jednostranné plexi L	85-B-19-47-01
Single sided plexi M, jednostranné plexi M	85-B-19-48-01
Single sided plexi N, jednostranné plexi N	85-B-19-49-01
Double sided plexi Z1, obojstranné plexi Z1	309-B-000-00-00-27
Double sided plexi Z2, obojstranné plexi Z2	309-B-000-00-00-28

### For C.LEDLUX-BIG / MULTILED-BIG

Optional Item / Príplatok	Order Code / Objednávaci kód
Double sided plexi H/J, obojstranné plexi H/J	85-B-74-02-07-01
Double sided plexi I, obojstranné plexi I	85-B-74-02-09-01
Single sided plexi H, jednostranné plexi H	85-B-74-02-10-01
Single sided plexi I, jednostranné plexi I	85-B-74-02-06-01
Single sided plexi J, jednostranné plexi J	85-B-74-02-11-01
Double sided plexi K/M, obojstranné plexi K/M	85-B-74-02-12-01
Double sided plexi L/N, obojstranné plexi L/N	85-B-74-02-13-01
Single sided plexi K, jednostranné plexi K	85-B-74-02-14-01
Single sided plexi L, jednostranné plexi L	85-B-74-02-15-01
Single sided plexi M, jednostranné plexi M	85-B-74-02-16-01
Single sided plexi N, jednostranné plexi N	85-B-74-02-17-01



**C.LEDLUX-P / MULTILED-P****Optional Accessories:**

- Wall bracket
- Wire rope suspension set
- Protective Steel Cage

**Príplatky:**

- nástenná konzola
- lankový záves
- ochranný kôš

Optional Item / Príplatky	Order Code
Parallel wall mounting bracket in white RAL9003 colour / nástenná konzola rovnobežne so stenou v bielej RAL9003	85-B-05-08-00
Parallel wall mounting bracket in grey RAL9006 colour / nástenná konzola rovnobežne so stenou v šedej RAL9006	85-B-05-08-F17
Parallel wall mounting bracket for <b>"BIG"</b> version in RAL9003 / nástenná konzola rovnobežne so stenou pre <b>"BIG"</b> verzie RAL9003	V-85-A-74-13-F1
Parallel wall mounting bracket for <b>"BIG"</b> version in RAL9006 / nástenná konzola rovnobežne so stenou pre <b>"BIG"</b> verzie RAL9006	V-85-A-74-13-F17
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	85-B-05-09-00
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	85-B-05-09-F17
Upright wall mounting bracket for <b>"BIG"</b> version in RAL9003 / konzola kolmo na stenu pre <b>"BIG"</b> verzie v bielej RAL9003	85-B-74-07-00
Upright wall mounting bracket for <b>"BIG"</b> version in RAL9006 / konzola kolmo na stenu pre <b>"BIG"</b> verzie v šedej RAL9006	85-B-74-07-F17
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,5m long in white RAL9003 colour / lanková závesná sada 1,5m dlhá v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lanková závesná sada 1,5m dlhá v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-18-00
Wire rope suspension set 3,5m long in white RAL9003 colour / lanková závesná sada 3,5m dlhá v bielej RAL9003 farbe	85-B-05-26-F1
Wire rope suspension set 3,5m long in grey RAL9006 colour / lanková závesná sada 3,5m dlhá v šedej RAL9003 farbe	85-B-05-26-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-27-F17





Standard Line  
LED Emergency Luminaire

## C.LEDLUX-P / MULTILED-P



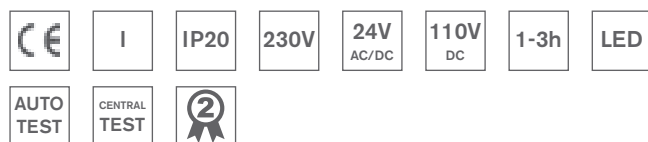
Standard Line  
LED Emergency Luminaire

**C.LEDLUX-P / MULTILED-P**





## C.LEDLUX-V / MULTILED-V



### Input Power:

- 3,9W / 7,4VA (maintained M)
- 2,6W / 5,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)



- Modern design **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white) or RAL9005 (čierna)
  - Special suspended plexi with layered design for perfect smooth illumination of a legend. It must be ordered as a separate item- look up the page No.296
- moderné stropné zapustené LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod.,** aj s funkciami:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z oceľového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela) alebo RAL9005 (čierna)
  - špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (musí byť objednané ako samostatná položka - pozri str. 296)

### STANDARD FEATURES

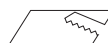
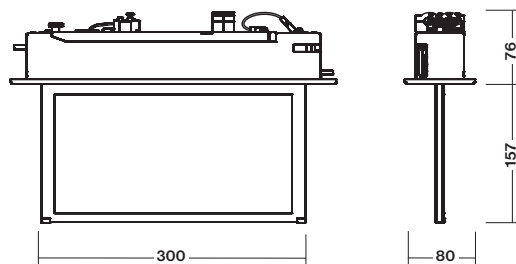
### ŠTANDARDNÁ VÝBAVA

- LEDs indicating both presence of power supply and signaling failures
- TEST button
- signalizácia LED
- TEST tlačítko

### OPTIONAL ACCESSORIES

### PRÍPLATKY

- **Special suspended plexi with layered design for perfect smooth illumination of legend. It must be ordered as a separate item- look up the page No.296**
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- vid' strana 296 pre detaily)**
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



Recessed mounting hole size: 336 x 57 mm  
Rozmer montážneho otvoru : 336 x 57 mm





NM/M							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-V 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-100-05-00	1,2 kg
MULTILED-V 3h RAL9003	Only Body, No Plexi incl.	White / biela	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-08-06-F1	1,2 kg

Page No.162

**AUTOTEST -AT NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-V-AT 1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-101-05-00	1,2 kg
MULTILED-V-AT 1h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-101-10-01	1,2 kg
MULTILED-V-AT 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-102-05-00	1,3 kg
MULTILED-V-AT 3h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-102-04-00	1,3 kg

Page No.174

**CENTRAL BATTERY (CBS)**

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-V 230V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-104-05-00	1,0 kg
C.LEDLUX-V 230V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-104-06-00	1,0 kg
C.LEDLUX-V 230V AC/DC RAL9005	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	12x LED	85-B-104-05-02	1,0 kg
C.LEDLUX-V 24V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-114-05-00	1,0 kg
C.LEDLUX-V 24V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-114-06-00	1,0 kg

## Suspended Plexi / závesné plexi s piktogramom

- It is not included in standard package. It must be ordered as separate item !
- nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !



- Viewing Distance 26m for all H,I,J,K,L,M,N versions in accordance with ISO7010
- rozoznatelnosť piktogramu 26m pre všetky H,I,J,K,L,M,N v súlade s ISO7010

### For 8xLED / 12xLED versions

Optional Item / Príplatok	Order Code / Objednávaci kód
Double sided plexi H/J, obojstranné plexi H/J	85-B-312-23-01
Double sided plexi I, obojstranné plexi I	85-B-312-21-01
Single sided plexi H, jednostranné plexi H	85-B-312-29-01
Single sided plexi I, jednostranné plexi I	85-B-312-20-01
Single sided plexi J, jednostranné plexi J	85-B-312-30-01
Double sided plexi K/M, obojstranné plexi K/M	85-B-19-40-01
Double sided plexi L/N, obojstranné plexi L/N	85-B-19-41-01
Single sided plexi K, jednostranné plexi K	85-B-19-46-01
Single sided plexi L, jednostranné plexi L	85-B-19-47-01
Single sided plexi M, jednostranné plexi M	85-B-19-48-01
Single sided plexi N, jednostranné plexi N	85-B-19-49-01
Double sided plexi Z1, obojstranné plexi Z1	309-B-000-00-00-27
Double sided plexi Z2, obojstranné plexi Z2	309-B-000-00-00-28









LED Recessed Emergency Luminaire

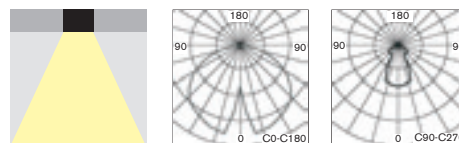
**LEDLUX-V / MULTILED-V**







## C.LEDLUX-FLAT / MULTILED-FLAT



- Powerful modern design **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting fixture with perfect light distribution for all areas such as **offices, shops, hotels, banks, entrance halls, schools, hospitals**, etc.

It is available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up pages No.166)
- **CENTRAL BATTERY** (C.LEDLUX-FLAT) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

- metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)

- výkonné moderné stropné zapustené LED svietidlo pre **netrvalé (NM)**, **trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod., všade tam, kde sa kladie dôraz na nenápadnosť núdzového svietidla v interieri

Dostupné s funkciami:

- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **CENTRAL BATTERY** (C.LEDLUX-FLAT) pre **neadresovateľné CBS** (pozri str.174)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

### STANDARD FEATURES

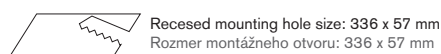
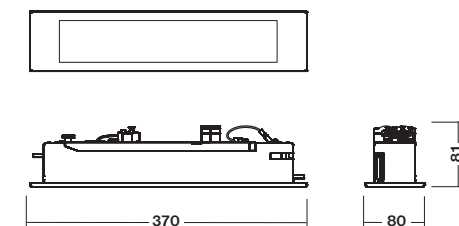
### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (5000K) with the lifetime > 100.000h**
- Special prismatic diffuser for perfect light distribution
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- Addressable CENTRALTEST communication module (for ATXL and ATXP versions only)
- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod**
- špeciálny prizmatický difúzor pre perfektnú distribúciu svetla do priestoru
- signalizácia LED a TEST tlačítko
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)

### OPTIONS

### PRÍPLATKY

- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



Recessed mounting hole size: 336 x 57 mm  
Rozmer montážneho otvoru: 336 x 57 mm



#### Input Power:

- 3,2W / 5,7VA (maintained M)
- 1,8W / 3,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)



## C.LEDLUX-FLAT / MULTILED-FLAT

Office building emergency lighting application



Page No.162

### AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-FLAT-AT 3xLED.1h	NM/M	Grey / šedá	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	283-B-00-01	0,8 kg
MULTILED-FLAT-AT 3xLED.1h	NM/M	White / biela	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	283-B-01-01	0,8 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-FLAT-ATXL 3xLED.1h	NM/M	Grey / šedá	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	283-B-02-01	0,9 kg
MULTILED-FLAT-ATXL 3xLED.1h	NM/M	White / biela	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	283-B-03-01	0,9 kg

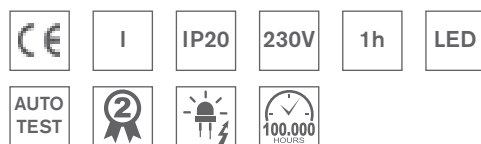
Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-FLAT 230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	3x HighPower LED	283-B-04-01	0,7 kg
C.LEDLUX-FLAT 230V AC/DC	White / biela	CBS NON-ADDRESSABLE	3x HighPower LED	283-B-05-01	0,7 kg
C.LEDLUX-FLAT 24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	3x HighPower LED	283-B-06-01	0,7 kg
C.LEDLUX-FLAT 24V AC/DC	White / biela	CBS NON-ADDRESSABLE	3x HighPower LED	283-B-07-01	0,7 kg

Look up pages No. 328-335 for 1x Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1x

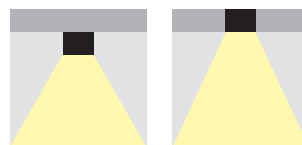
## C.LEDLUX-DIM / MULTILED-DIM



### Input Power:

- 3,2W / 5,7VA (maintained M)
- 1,8W / 3,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)

Available in black  
RAL9005 colour  
Dostupné aj čiernej  
farbe RAL9005



- **DIMMABLE** modern design **surface or recessed mounted LED** all non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination especially designed for all areas such as **cinemas, theaters, concert halls, etc.**
- During performance the light output is reduced to 10% and in case of emergency it is automatically increased to 100%
- No special wiring is needed (the wiring scheme is shown below)
- It is available in all following versions:
  - **AUTOTEST** (-AT),
  - **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up pages No.178)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white) or black (RAL9005)
- Strmievateľné moderné LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté špeciálne pre použitie v kinosálach, divadlách, koncertných halách**, kde je počas predstavenia žiadúce **zredukovať výkon** tohto svietidla tak, aby **nepôsobilo rušivo (10%)** a v prípade výpadku elektrickej energie sa výkon **automaticky zvýši na 100%**
- Nie sú potrebné žiadne špeciálne vodiče (schéma pripojenia je ukázaná nižšie)
- Dostupné s funkciami:
  - **AUTOTEST** (-AT),
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.178)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela) alebo RAL9005 (čierna)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (Lumileds) with the lifetime Min 100.000h**
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **výkonné LED 120lm/W (Lumileds) so životnosťou min 100000hod**
- signalizácia LED a TEST tlačítko

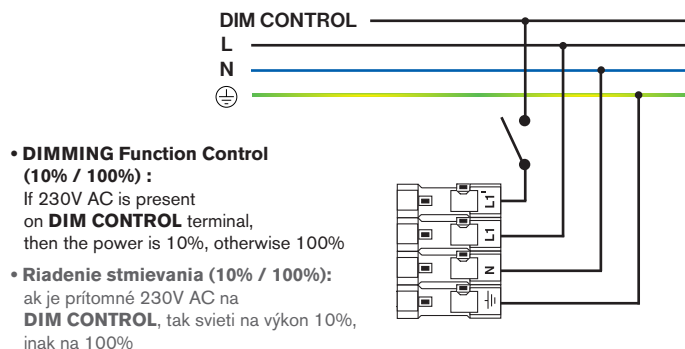
### OPTIONAL ACCESSORIES

### PRIPLATKY

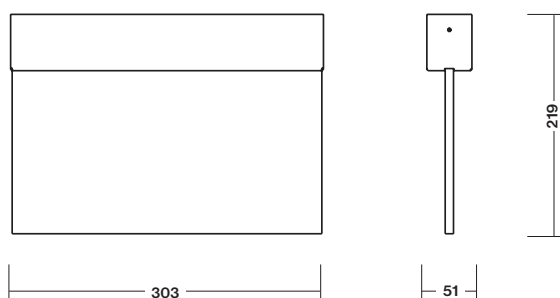
- Special suspended plexi with layered design for perfect smooth illumination of legend (it must be ordered as a separate item-look up Page No.304 for further details)
- Wall or ceiling mounting brackets
- Wire rope suspension set
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- viď strana 304 pre detaily)
- nástenná, stropná alebo stropná závesná konzola
- lanková závesná sada
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



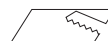
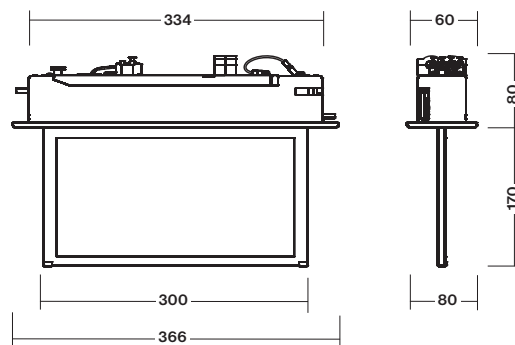
## C.LEDLUX-DIM / MULTILED-DIM



C.LEDLUX-P / MULTILED-P Dimensions



C.LEDLUX-V / MULTILED-V Dimensions



Recessed mounting hole size: 336 x 57 mm  
Rozmer montážneho otvoru : 336 x 57 mm

### NO AUTOTEST NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P-ATR DIM 3xLED.1h <b>NO-AT*</b>	NM/M Dimmable	Black/ čierna	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-216-11-00	0,8 kg

\* AUTOTEST Functions are OFF / Všetky funkcie AUTOTEST su deaktivované

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P-ATR DIM 3xLED.1h	NM/M Dimmable	Grey / šedá	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-216-10-03	0,8 kg
MULTILED-P-ATR DIM 3xLED.1h	NM/M Dimmable	White / biela	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-216-10-02	0,8 kg
MULTILED-P-ATR DIM 3xLED.1h	NM/M Dimmable	Black / čierna	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-216-10-04	0,8 kg
MULTILED-V-ATR DIM 3xLED.1h	NM/M Dimmable	White / biela	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-218-10-01	0,8 kg
MULTILED-V-ATR DIM 3xLED.1h	NM/M Dimmable	Black / čierna	3x HighPower LED	1h	NiMh 4,8V/2,1Ah	85-B-218-10-02	0,8 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-P DIM 230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-200-07-01	0,7 kg
C.LEDLUX-P DIM 230V AC/DC	White / biela	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-200-07-00	0,7 kg
C.LEDLUX-P DIM 230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-200-07-02	0,7 kg
C.LEDLUX-V DIM 230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-201-02-00	0,7 kg
C.LEDLUX-V DIM 230V AC/DC	White / biela	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-201-01-00	0,7 kg
C.LEDLUX-V DIM 230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	3x HighPower LED	85-B-201-03-00	0,7 kg



## Accessories / Príslušenstvo



• **It is not included in standard package. It must be ordered as separate item !**

- Viewing Distance 30m for all H,I,J versions
- In accordance with ISO7010

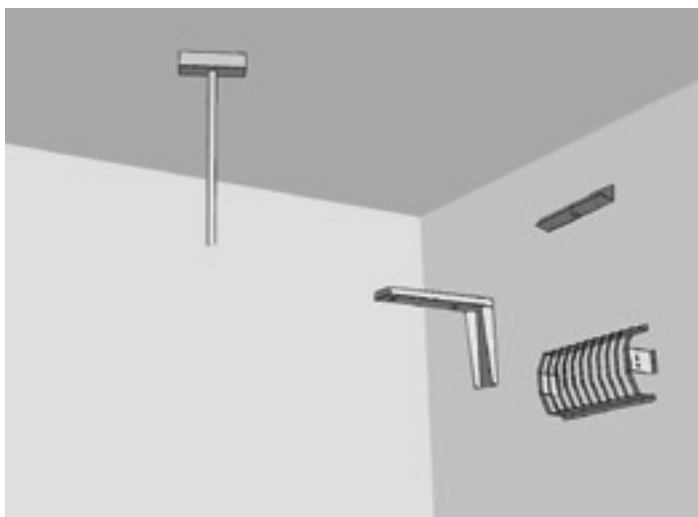
• **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**

- rozoznateľnosť piktogramu 30m pre všetky H,I,J verzie
- piktogram v súlade s ISO7010



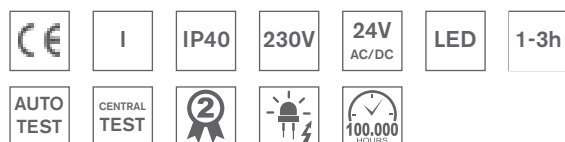
Optional Item / Príplatok	Order Code / Objednávaci kód
Double sided plexi H/J, obojstranné plexi H/J	85-B-306-32-00
Double sided plexi I, obojstranné plexi I	85-B-306-31-00
Single sided plexi H, jednostranné plexi H	85-B-306-22-00
Single sided plexi I, jednostranné plexi I	85-B-306-23-00
Single sided plexi J, jednostranné plexi J	85-B-306-24-00

Optional Item / Príplatky	Order Code
Parallel wall mounting bracket in white RAL9003 colour / nástenná konzola rovnobežne so stenou v bielej RAL9003	85-B-05-08-00
Parallel wall mounting bracket in grey RAL9006 colour / nástenná konzola rovnobežne so stenou v šedej RAL9006	85-B-05-08-F17
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	85-B-05-09-00
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	85-B-05-09-F17
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,5m long in white RAL9003 colour / lanková závesná sada 1,5m dlhá v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lanková závesná sada 1,5m dlhá v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-18-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-27-F17

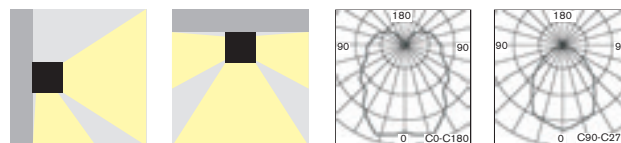




## C.CANLUX-A / MULTICAN-A



**Input Power:**  
• 12,5W / 16,0VA (CBS)



• Wall single sided or ceiling double sided (all TOP versions) emergency lighting fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up page No.166)
- **CENTRAL BATTERY** (C.CANLUX) for **non-addressable CBS** (look up also page No.174)

• Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

- Body made of anodized extruded aluminum profile
- Diffuser made of acrylic with legend

• elegantné nástenné jednostranné alebo stropné obojstranné (všetky TOP verzie) výkonné núdzové svetidlo s perfektnou distribúciou svetla pre netrválé (NM) alebo pre trvalé/netrválé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **CENTRAL BATTERY** (C.CANLUX) pre **neadresovateľné CBS** (str.174)

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia:

- teleso z eloxovaného hliníkového profilu
- svetelno-činný kryt z PMMA s piktogramom

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (5000K) with the lifetime >100.000h**
- Addressable **CENTRALTEST** communication module (for ATXL, ATP only)
- LEDs indicating both presence of power supply and signaling failures
- **TEST** button
- ceiling mounting bracket (only for all TOP versions)

- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod**
- adresovateľný **CENTRALTEST** komunikačný modul (len pre ATXL, ATP verzie)
- signalizácia LED a **TEST** tlačítko
- stropná montážna základňa (len pre všetky TOP verzie)

### OPTIONAL ACCESSORIES

### PRÍPLATKY

- Acrylic diffuser with the legends (look up page No.307)
- Wall or ceiling mounting brackets
- Protective steel cage

- plexi difúzor s piktogramom (pozri str.307)
- nástenná, stropná alebo stropná závesná konzola
- ochranný kovový kôš



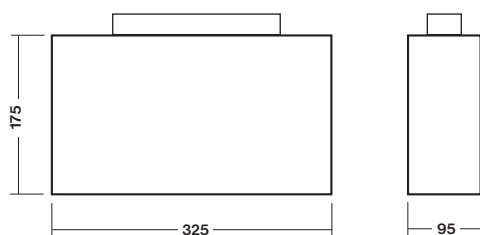
Accessory: Diffuser with Legend  
Príplatkové plexi s piktogramom  
(look up also next page)



Accessory: Mounting Accessories  
Príplatkové konzoly (na požiadanie)



## C.CANLUX-A / MULTICAN-A



- Acrylic diffuser with the legend of type H,I,J,O complying ISO7010 (for all TOP versions are 2pcs needed because of double sided lighting fixture)
- **IT IS NOT INCLUDED IN STANDARD PACKAGE. IT MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance 36m
- Príplatkové plexi s piktogramom typu H,I,J,O v súlade s ISO7010 (pre verzie TOP je potrebné objednať 2ks/svietidlo - obojstranné svietidlo)
- **NIE JE SÚČASŤOU ŠTANDARDNÉHO BALENIA SVIETIDLA, MUSÍ BYŤ OBJEDNANÉ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznateľnosť piktogramu 36m



Optional Item / Príplatok	Order Code / Objednáv.kód
Diffuser with picto "H" /plexi s piktogramom "H"	254-B-100-01-05
Diffuser with picto "I" /plexi s piktogramom "I"	254-B-100-02-05
Diffuser with picto "J" /plexi s piktogramom "J"	254-B-100-03-05
Diffuser with picto "O" /plexi s piktogramom "O"	254-B-100-04-01
Diffuser without picto /plexi bez piktogramu "X"	254-B-100-00-00
Diffuser with picto "Z1" /plexi s piktogramom "Z1"	on request / na požiadanie
Diffuser with picto "Z2" /plexi s piktogramom "Z2"	on request / na požiadanie

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICAN-A-LED-AT.1h	NM/M	1h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/2,1Ah	254-B-09-01	1,2 kg
MULTICAN-A-LED-AT.3h	NM/M	3h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/4,0Ah	254-B-01-01	1,3 kg
MULTICAN-A-TOP-LED-AT.1h	NM/M	1h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/3,0Ah	254-B-10-01	1,3 kg
MULTICAN-A-TOP-LED-AT.3h	NM/M	3h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/4,0Ah	254-B-02-01	1,4 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICAN-A-LED-ATXL.1h	NM/M	1h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/2,1Ah	254-B-11-01	1,3 kg
MULTICAN-A-LED-ATXL.3h	NM/M	3h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/4,0Ah	254-B-12-01	1,4 kg
MULTICAN-A-TOP-LED-ATXL.1h	NM/M	1h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/3,0Ah	254-B-13-01	1,4 kg
MULTICAN-A-TOP-LED-ATXL.3h	NM/M	3h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/4,0Ah	254-B-14-01	1,5 kg

Page No.174

### LED CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.CANLUX-A-LED 230V AC/DC	CBS NON-ADDRESSABLE	2x HighPower LED	240 lm	254-B-03-01	1,0 kg
C.CANLUX-A-TOP-LED 230V AC/DC	CBS NON-ADDRESSABLE	4x HighPower LED	400 lm	254-B-04-01	1,1 kg

Standard Line  
Single Sided Wall Mounted Emergency Luminaire  
**C.CANLUX-A / MULTICAN-A**

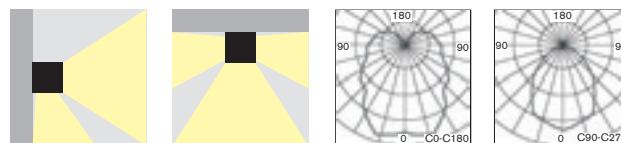


## C.CANLUX-A-TOP / MULTICAN-A-TOP





## C.CANLUX-B / MULTICAN-B



- Wall single sided or ceiling double sided (all TOP versions) emergency lighting fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up page No.166)
- **CENTRAL BATTERY** (C.CANLUX) for **non-addressable CBS** (look up also page No.174)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

- Design:

- Body made of anodized extruded aluminum profile
- Diffuser made of acrylic with legend

- elegantné nástenné jednostranné alebo stropné obojstranné (všetky TOP verzie) výkonné núdzové svetidlo s perfektnou distribúciou svetla pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
- **CENTRAL BATTERY** (C.CANLUX) pre **neadresovateľné CBS** (str.174)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

- konštrukcia:

- teleso z eloxovaného hliníkového profilu
- svetelno-činný kryt z PMMA s piktogramom

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (5000K) with the lifetime > 100.000h**
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- ceiling mounting bracket (only for all TOP versions)

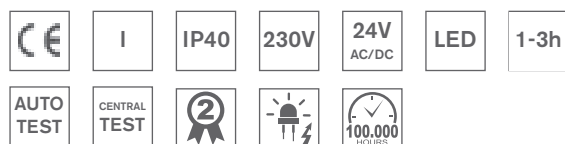
- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod**
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko
- stropná montážna základňa (len pre všetky TOP verzie)

### OPTIONAL ACCESSORIES

### PRÍPLATKY

- Acrylic diffuser with the legends (look up next page for further details)
- Wall or ceiling mounting brackets
- Protective steel cage

- plexi difúzor s piktogramom (viď ďalej ako objednať samostatne)
- nástenná, stropná alebo stropná závesná konzola
- ochranný kovový kôš



#### Input Power:

- 12,5W / 16,0VA (CBS)

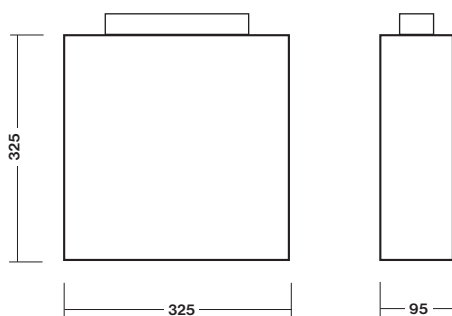


Accessory: Diffuser with Legend  
Príplatkové plexi s piktogramom  
(look up the next page)

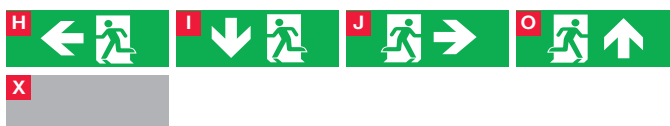


Accessory: Mounting Accessories (on demand)  
Príplatkové konzoly (na požiadanie)

## C.CANLUX-B / MULTICAN-B



- Acrylic diffuser with the legend of type H,I,J,O complying ISO7010 (for all TOP versions are 2pcs needed because of double sided lighting fixture)
- **IT IS NOT INCLUDED IN STANDARD PACKAGE. IT MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance 70m
- Príplatkové plexi s piktogramom typu H,I,J,O v súlade s ISO7010 (pre verzie TOP je potrebné objednať 2ks/svietidlo - obojstranné svietidlo)
- **NIE JE SÚČASŤOU ŠTANDARDNÉHO BALENIA SVIETIDLA, MUSÍ BYŤ OBJEDNANÉ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznatelnosť piktogramu 70m



Optional Item / Priplatok	Order Code / Objednávaci kód
Diffuser with picto "H" /plexi s piktogramom "H"	254-B-101-01-01
Diffuser with picto "I" /plexi s piktogramom "I"	254-B-101-02-06
Diffuser with picto "J" /plexi s piktogramom "J"	254-B-101-03-01
Diffuser with picto "O" /plexi s piktogramom "O"	254-B-101-04-01
Diffuser without picto /plexi bez piktogramu "X"	254-B-101-00-00

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICAN-B-LED-AT.1h	NM/M	1h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/2,1Ah	254-B-15-01	3,0 kg
MULTICAN-B-LED-AT.3h	NM/M	3h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/4,0Ah	254-B-08-01	3,1 kg
MULTICAN-B-TOP-LED-AT.1h	NM/M	1h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/3,0Ah	254-B-16-01	3,1 kg
MULTICAN-B-TOP-LED-AT.3h	NM/M	3h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/4,0Ah	254-B-07-01	3,2 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICAN-B-LED-ATXL.1h	NM/M	1h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/2,1Ah	254-B-17-01	3,0 kg
MULTICAN-B-LED-ATXL.3h	NM/M	3h	2x HighPower LED	240 lm / 240 lm	NiMh 4,8V/4,0Ah	254-B-18-01	3,1 kg
MULTICAN-B-TOP-LED-ATXL.1h	NM/M	1h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/3,0Ah	254-B-19-01	3,1 kg
MULTICAN-B-TOP-LED-ATXL.3h	NM/M	3h	4x HighPower LED	400 lm / 220 lm	NiMh 4,8V/4,0Ah	254-B-20-01	3,2 kg

Page No.174

### LED CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.CANLUX-B-LED 230V AC/DC	CBS NON-ADDRESSABLE	2x HighPower LED	240 lm	254-B-05-01	2,4 kg
C.CANLUX-B-TOP-LED 230V AC/DC	CBS NON-ADDRESSABLE	4x HighPower LED	400 lm	254-B-06-01	2,5 kg



*Spegel*  
**HORTEN**

*24 cm, turkos*

~~39:-~~

**19:-**

*60 cm, turkos*

~~159:-~~

**69:-**

**IKEA**

*Handtag*

**BEMSTRA**

*128 mm brett*

~~29:-~~

**7:-**

**IKEA**

KASSOR

VARLITE

TRANSPORTSERVICE

Lekrum SMÅ

UTGÅNG

*Funkluster*

**ALBÄCK**

*120 cm brett*

~~595:-~~

**295:-**

**IKEA**

~~1.455:-~~

**695:-**

~~684:-~~

**324:-**

**IKEA**

~~995:-~~

**995:-**

**IKEA**





18  
20



Vegetarisk pizzaslice  
5:-

FYND  
→

BÄTTERE  
SOMN  
AT ALLA

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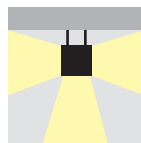




## Standard Line

Ceiling mounted or Suspended 4-Sided Emergency Luminaire

# C.CUBELUX-220 LED / MULTICUBE-220 LED



- Modern cubic shaped design suspended non-maintained (NM), maintained (M) or centralised (C) emergency lighting fixture with smooth legend illumination for all areas such as shopping areas, airport terminals, train/bus stations, hotels, banks, entrance halls, schools, hospitals, etc. available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.CUBELUX) for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Body made of sheet steel with PE powder painting RAL9003
  - Acrylic diffuser with a legend (must be ordered as a separate item)
- stropné alebo závesné štvorstranné núdzové svietidlo v tvare kocky s perfektnou distribúciou svetla na piktogram pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo centrálné napájané núdzové osvetlenie **navrhnuté pre všeobecné použitie** pre priestory ako napr. obchodné plochy, nákupné centrá, vlakové stanice, letiskové terminály, školy, nemocnice, vstupné haly a pod.
- dostupné vo verziách pre:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.CUBELUX) pre **neadresovateľné CBS** (pozri str. 174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso lakovaný oceľový plech v RAL9003
  - plexi kryty s piktogramom (musia sa objednať samostatne)

## STANDARD FEATURES

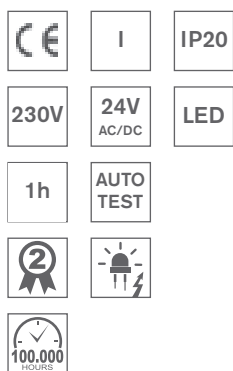
## ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (5000K) with the lifetime >100.000h**
- Ceiling mounting bracket
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod**
- stropná montážna konzola
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

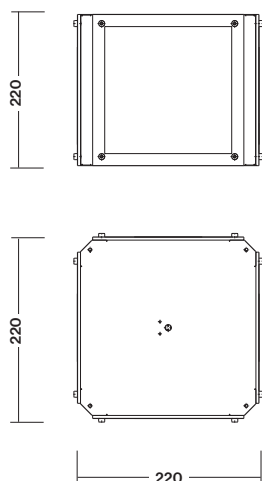
## PRIPLATKY

- Acrylic diffuser with the legends, 4pcs/fixture are needed (must be ordered separately - for details look up page No. 315)
- Wire rope suspension set (look up page No.315)
- Wall mounting bracket (look up page No.315)
- plexi difúzor s piktogramom, 4ks/svietidlo sú potrebné (pozri str. 315 ako objednávať)
- závesný lankový set (pozri str.315)
- nástenná závesná konzola (pozri str.315)



### Input Power:

- 11,5W / 15,3VA (maintained M)
- 2,2W / 5,7VA (non-maintained NM)
- 8,5W / 10,9VA (CBS)



Accessory : Wire rope suspensions set  
Priplatkový závesný lankový set 3m dlhý  
(look up next page)



Accessory : Diffuser with Legend  
Priplatkové plexi s piktogramom  
(look up next page)

## C.CUBELUX-220 LED / MULTICUBE-220 LED

Page No.166

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICUBE-220-AT 5xLED.1h	NM/M	1h	5x HighPower LED	470 lm / 360 lm	NiMh 4,8V/4,0Ah	63-B-71	3,5 kg

Page No.178

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.CUBELUX-220 5xLED 24V/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	470 lm	63-B-70-01-00	3,1 kg



Accessory:

- **Acrylic diffuser with the legend of type H or I or J in accordance with ISO7010 (for all TOP versions are 4pcs needed because of double sided lighting fixture)**
- **IT IS NOT INCLUDED IN STANDARD PACKAGE.**
- **IT MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance 41m
- **Wire rope suspension set in length 3m** (final length is set during the installation)

Príplatková výbava:

- **Príplatkové plexi s piktogramom typu H alebo I alebo J v súlade s ISO7010 (pre verzie TOP je potrebné objednať 4ks/svietidlo - obojstranné svietidlo)**
- **NIE JE SÚČASŤOU ŠTANDARDNÉHO BALENIA SVIETIDLA, MUSÍ BYŤ OBJEDNANÉ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznatelnosť piktogramu 41m
- **Príplatkový závesný lankový set dĺžky 3m** (dĺžku závesu si nastavíte počas inštalácie podľa potreby)



Optional Item / Príplatok	Order Code / Objednávaci kód
Diffuser with picto "H" /plexi s piktogramom "H"	63-B-70-02-02
Diffuser with picto "I" /plexi s piktogramom "I"	63-B-70-02-04
Diffuser with picto "J" /plexi s piktogramom "J"	63-B-70-02-03
Diffuser without picto /plexi bez piktogramu "X"	63-B-70-02-05
Wire rope suspension set 3m long	63-B-35-01-00
Závesný lankový set 3m dlhý	63-B-35-01-00



Accessory:

- **Optional wall mounting bracket**
- In this case only 3pcs of diffusers with pictograms are needed

Príplatková výbava:

- **Príplatková konzola pre montáž na kolmú stenu**
- v tomto prípade sú potrebné len 3ks plexi s piktogramom

Optional Item / Príplatok	Order Code / Objednávaci kód
Upright wall mounting bracket	63-B-70-01-02
Montážna konzola na kolmú stenu	63-B-70-01-02



**Standard Line**

Ceiling mounted or Suspended 4-Sided Emergency Luminaire

**C.CUBELUX LED / MULTICUBE LED**

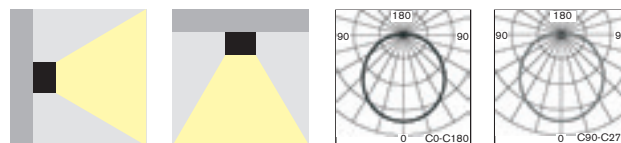




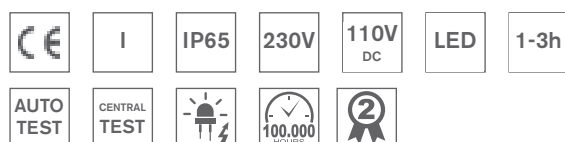
## C.CUBELUX LED / MULTICUBE LED



## HILLUX / MULTIHILL

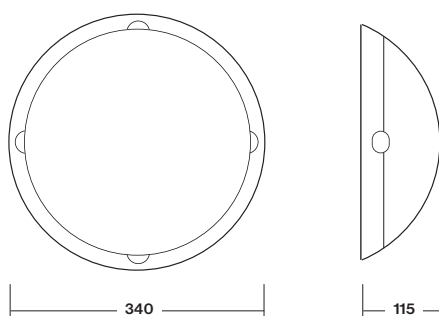


- Wall or ceiling mounted powerful fixture designed for non-maintained (NM), non-maintained/maintained (NM/M) or standard general lighting / centralised (C) emergency lighting available in all following versions:
- **AUTOTEST** (-AT),
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
- **CENTRAL BATTERY** (C.HILLUX) for **non-addressable CBS** (look up also page No.174)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- All C.HILLUX versions can be used also for general lighting 230V AC in order to achieve uniform design of general lighting and emergency lighting fixtures
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Body made of PC
- nástenné/stropné výkonné núdzové svetidlo určené pre netralné (NM), trvalé/netralné (NM/M) alebo normálne 230V / (C) centrálne napájané núdzové osvetlenie (verzie C.HILLUX môžu byť použité ako bežné svetidlá 230V AC a tým dosiahnuť kompatibilitu tvaru núdzových a všeobecných svetidiel v danom interiéru (napr každé 5 svetidlo je núdzové, ostatné ako klasické bez núdzového modulu), dostupné vo verziách pre:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.HILLUX) pre **neadresovateľné CBS** (pozri str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z nerozbitného PC



### Input Power (5xLED):

- 11,5W / 15,3VA (maintained M)
- 2,2W / 5,7VA (non-maintained NM)
- 8,5W / 10,9VA (CBS)



### STANDARD ACCESSORIES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W**, valid only for LED versions **with the lifetime >100.000h**
- Addressable **CENTRALTEST** communication module (for all ATXL and ATXP versions only)
- LEDs indicating both presence of power supply and signaling failures
- **TEST** button
- **výkonné LED 120lm/W**, len pre LED verzie **so životnosťou min 100000hod**
- adresovateľný **CENTRALTEST** komunik.modul (pre ATXP a ATXL verzie)
- signalizácia LED a **TEST** tlačítko

### OPTIONS

### PRÍPLATKY

- Alternative LED light colour is possible (min.order quantity 50pcs)
- alternatívna LED farba svetla podľa špecifikácie (min. 50ks)

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 6000K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-01	1,7 kg
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 3500K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-03	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 6000K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-12-01	1,7 kg

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIHILL-LED-ATXL.1h	NM/M	1h	5x HighPower LED	470 lm / 366 lm	NiMh 4,8V/4,0Ah	261-B-08-01	1,7 kg

Look up pages No. 328-335 for 1lx Spacing tables

Pozri str. 328-335 pre rozmiestnenie svetidiel na dosiahnutie 1lx



Page No.174

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.HILLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED 6000K	675 lm	261-B-09-01	1,2 kg
C.HILLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED 3500K	675 lm	261-B-09-03	1,2 kg
C.HILLUX 10xLED/230V AC/DC	CBS NON-ADDRESSABLE	10x HighPower LED 6000K	1350 lm	261-B-11-01	1,2 kg
C.HILLUX 7xLED/110V DC	CBS NON-ADDRESSABLE	7x HighPower LED 3500K	945 lm	261-B-13-01	1,2 kg

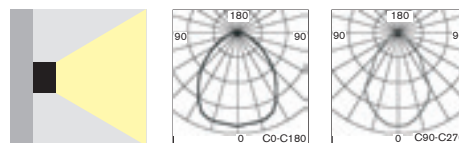
Page No.170

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

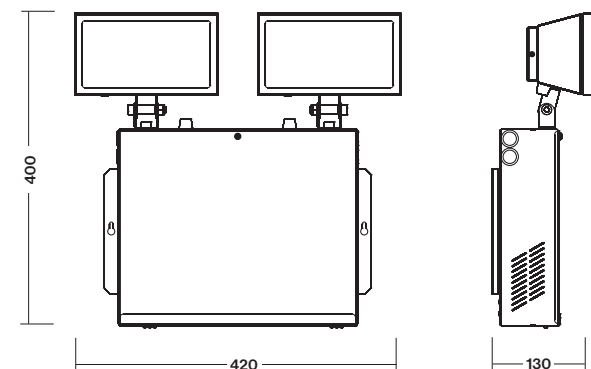
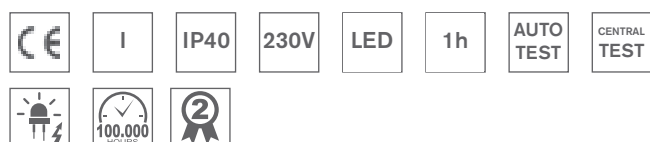
Type	Version	Light Source	Light Flux	Order Code	Weight
C.HILLUX-LED-ATXP/230V AC/DC	ATXP CBS ADDRESSABLE	5x HighPower LED 6000K	670 lm	261-B-10-01	1,2 kg



## C.REFLUX-LED / MULTIREF-LED



- Wall mounted powerful LED fixture designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT),
  - **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.166)
  - **CENTRAL BATTERY** (C.REFLUX) for **non-addressable CBS** (look up also page No.174)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.170)
- Equipped with **Multi-directional lamp heads for on site flexibility** allowing to direct lighting beam to the required area. Each reflector contains 9pcs of HighPower LEDs what is equal to standard 50W halogen lamp
- Each reflector is flexible and can be even fixed in distance up to 5m far from the fixture (5m long reflector wire is standard)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Base made of sheet steel painted in RAL9003
  - Prismatic diffuser
- nástenné výkonné LED núdzové svietidlo určené pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT)
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.166)
  - **CENTRAL BATTERY** (C.REFLUX) pre **neadresovateľné CBS** (pozri str.174)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 170)
- vybavené dvomi reflektormi, z ktorých každý je **vybavený 9xHighPower LED**, ktoré sa svojím výkonom vyrovnajú 50W halogénovej žiarovke (celkom inštalovaných 18x HighPower LED)
- každý reflektor je otočiteľný do požadovaného smeru a navyše je vybavený 5m dlhým vodičom s možnosťou umiestniť reflektor aj mimo svietidla (napr. za roh na osvetlenie druhej strany chodby)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z ocelového plechu v RAL9003
  - svetelno-činný kryt prismatické PMMA



### STANDARD ACCESSORIES

### ŠTANDARDNÁ VÝBAVA

- Equipped with **Multi-directional lamp heads for on site flexibility**
- **HighPower LEDs 120lm/W (5000K) with the lifetime >100.000h**
- Addressable **CENTRALTEST** communication module (for all ATXL and ATXP versions only)
- LEDs indicating both presence of power supply and signaling failures
- **TEST** button
- výkonné LED 120lm/W (5000K) so životnosťou min 100000hod
- adresovateľný CENTRALTEST komunik.modul (pre ATXP a ATXL verzie)
- signalizácia LED a TEST tlačítko

Page No.162

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIREF-AT 18xLED.1h	NM/M	1h	18x HighPower LED	2500 lm / 2500 lm	2x NiMh 9,6V/4,0Ah	244-B-01-01	7,0 kg

Page No.166

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIREF-ATXL 18xLED.1h	NM/M	1h	18x HighPower LED	2500 lm / 2500 lm	2x NiMh 9,6V/4,0Ah	244-B-03-01	7,1 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.REFLUX 18xLED/230V AC/DC	CBS NON-ADDRESSABLE	18x HighPower LED	2500 lm	244-B-02-01	5,0 kg

Page No.170

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.REFLUX-ATXP 18xLED/230V AC/DC	ATXP CBS ADDRESSABLE	18x HighPower LED	2500 lm	244-B-04-01	5,1 kg

Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx

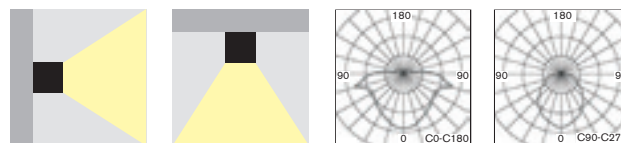
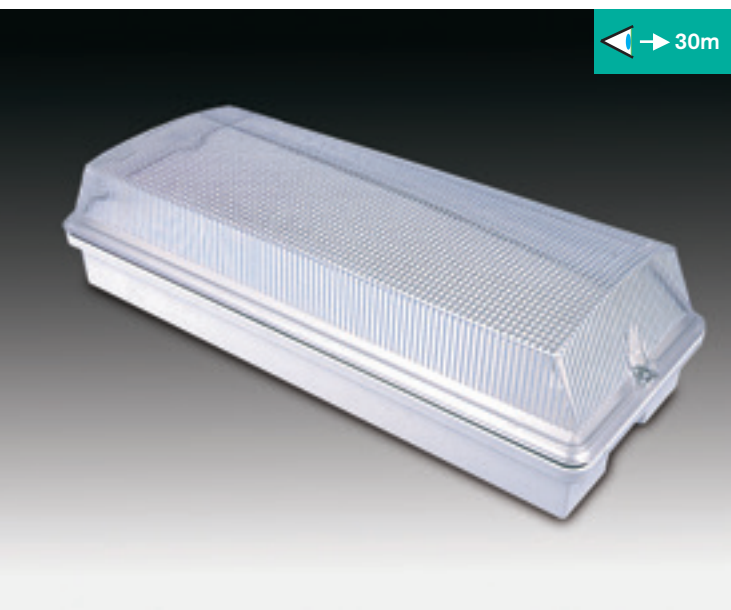






COLDROOM / OUTDOOR  
Surface Mounted Emergency Luminaire

## C.FROSTLUX / MULTIFROST-LED



• Solid sturdy design surface mounted powerful fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.FROSTLUX) for **non-addressable CBS** (look up also page No.174)

• Suitable especially for either **OUTDOOR or LOW TEMPERATURE applications** equipped with **battery heating unit**

• Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

- PC impact resistant body

• kompaktné a odolné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrvané (NM) alebo pre trvalé/netrvané (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

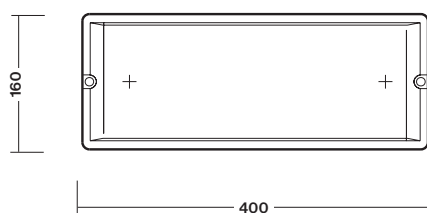
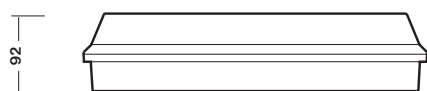
- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.FROSTLUX) pre **neadresovateľné CBS** (pozri str. 174)

• špeciálne navrhnuté pre aplikácie **v exteriéri alebo V PRIESTOROCH S NÍZKOU TEPLOTOU - vybavené riadeným vyhrievaním akumulátora**

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia:

- teleso z nerozbitného PC



### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W, 5000K**
- Set of self-adhesive legends (A+B+C)
- LEDs indicating both presence of power supply and signaling failures
- TEST button

- **výkonné LED 120lm/W (5000K)**
- sada samolepiacich piktogramov A+B+C
- signalizácia LED a TEST tlačítko



### OPTIONAL ACCESSORIES

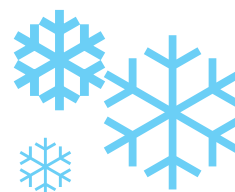
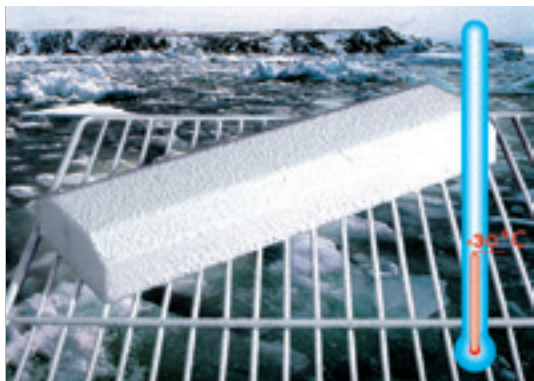
### PRIPLATKY

- Wall or ceiling mounting brackets
- Protective steel cage

- nástenná, stropná alebo stropná závesná konzola
- ochranný kovový kôš



## C.FROSTLUX / MULTIFROST-LED



Page No.162

### AUTOTEST -AT NM/M for OUTDOOR Application

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIFROST-AT 6xLED.1h	NM/M	1h	6x HighPower LED	570 lm / 570 lm	NiMh 4,8V/4,0Ah	11-B-43-01-00	2,0 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.FROSTLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	670 lm	11-B-48-02-00	1,1 kg



#### Optional Accessories:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

#### Príplatky:

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Príplatok	Order Code / objednávací kód
Wall mounting bracket / nástenná konzola	11-B-01-07-01
Ceiling mounting bracket / stropná konzola	11-B-01-06-01
Pendant bracket 1,5m / závesná konzola 1,5m	11-B-00-02-00
Pendant bracket 0,4m / závesná konzola 0,4m	11-B-00-06-00
Protective steel cage / ochranný kôš	11-B-00-03







Standard Line  
OUTDOOR Wall Mounted Emergency Luminaire

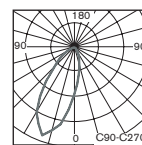
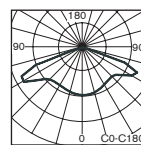
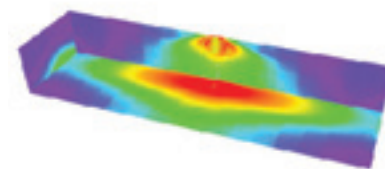
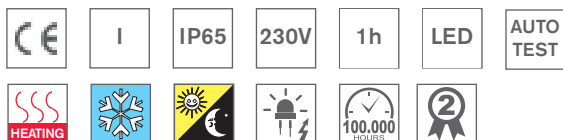
## C.EXITLUX3 / MULTIEXIT3



BLACK Colour Version



GREY Colour Version

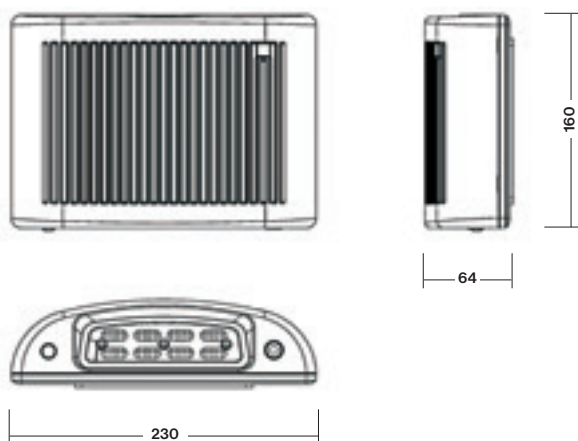


- **NEW Generation of** Wall mounted powerful LED fixture designed for either corridor applications or **EXIT/ ENTRANCE area illumination or walls**
- Equipped with **BATTERY HEATING UNIT** suitable especially for **OUTDOOR** applications but it is possible to be installed also for interior area
- Quick connection and easy installation
- Available as non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST (-AT)**,
  - **CENTRAL BATTERY (C.EXITLUX)** for **non-addressable CBS** (look up also page No.174)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Die casting with UV resistant powder paint in black, gray or dark bronze
- **NOVÁ generácia** nástenného výkonného LED núdzového svietidla určeného pre osvetlenie koridorov, priestoru pred vchodom/východom alebo po obvode budovy
- vďaka **aktívnemu riadenému vyhrievaniu batérie** pri nízkych teplotách určené hlavne pre exteriér, ale s výhodou možno použiť i v interiéri
- pre trvalé/netvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST (-AT)**
  - **CENTRAL BATTERY (C.EXITLUX)** pre **neadresovateľné CBS** (pozri str.174)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z hliníka s UV práškovou farbou v odtieni čierna, sivá alebo tmavý bronz (hnedá)

### STANDARD FEATURES

### ŠTANDARDNÁ VÝBAVA

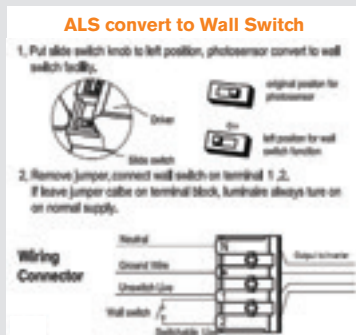
- **MidPower LEDs 150lm/W with the lifetime Min 100.000h (5000K)**
- **Heating UNIT** to protect the battery in case of low temperature below 0C (only for all MULTIEXIT versions)
- **Ambient light sensor** for automatic ON/OFF function for energy saving night lighting mode (valid only for all "ALS" versions)
- **PIR sensor** (valid only for all "PIR" versions)
- LEDs indicating both presence of power supply and signaling failures
- **TEST** button
- **výkonné LED 150lm/W so životnosťou min 100000hod (5000K)**
- **vybavené vyhrievacím modulom** pre ochranu akumulátora pri nízkych teplotách pod 0C (platí len pre všetky MULTIEXIT verzie)
- **vybavené senzorom okolitej hladiny osvetlenia pre automatické zapínanie/ vypínanie svietidla (nočný režim / denný režim)**, ktorý ale neovplyvňuje automatické zapnutie svietidla v prípade výpadku elektrickej energie (platí len pre všetky "ALS" verzie)
- **pohybový PIR senzor** (platí len pre všetky "PIR" verzie)
- **signalizácia LED a TEST tlačítko**







Standard (default) setup of lighting fixture ON/OFF by **AMBIENT LIGHT SENSORT (ALS)**. If ambient lighting level drops down below 10lux, lighting fixture turn ON automatically. If the lighting level increases above 30lux, lighting fixture turns OFF.



Štandardné nastavenie zapínania / vypínania svetidla je nastavené cez automatický **SENZOR OKOLITÉHO OSVETLENIA (ALS)**. Ak hladina okolitého osvetlenia klesne pod 10lx, tak sa svetidlo rozsvieti, ak hladina okolitého osvetlenia vzrastie nad 30lx, tak sa svetidlo vypne.



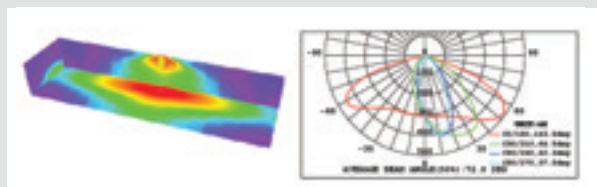
If ambient lighting level drops down below 10lux and in addition **PIR SENSOR** detects the movement, lighting fixture turns ON and stay ON for 1min. If PIR does not detect any further movement, lighting fixture turns OFF.

Ak je hladina okolitého osvetlenia viac ako 10lx a **PIR senzor** zaznamená pohyb, svetidlo sa rozsvieti na 1min. Ak nie je zaznamenaný ďalší pohyb, tak sa svetidlo po 1min vypne.



**SPECIAL DESIGN OF LENSES** ensures perfect **SLIM SHAPED** lighting distribution for both corridor application or along the wall for example in front of an Entrance/Exit Outdoor application.

Špeciálne navrhnutá optika svetidla zaručuje optimálnu distribúciu svetla pre koridorové aplikácie alebo pozdĺž steny napr.nad vchodovými dverami pri exteriérovej aplikácii.









## C.EXITLUX3 / MULTIEXIT3

PIR = Movement Detector / detektor pohybu  
ALS = Ambient Light Sensor / senzor okolitého osvetlenia  
Heating = Battery Heating Pad / vyhrievanie akumulátora

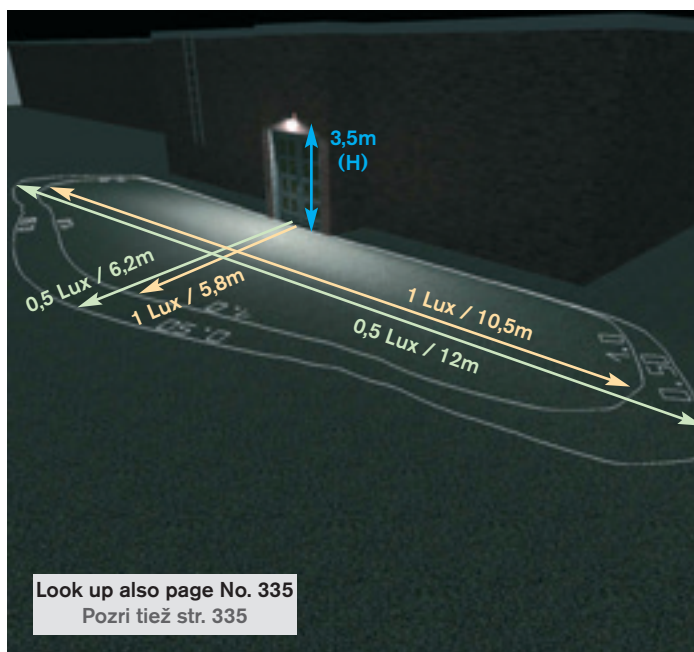
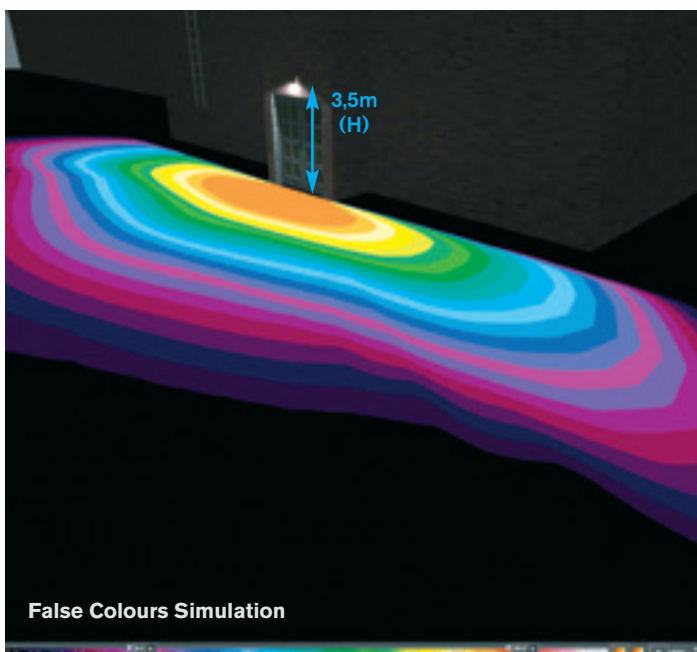
### AUTOTEST -AT NM/M

Type	Version	Colour / Farba	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Grey/ šedá	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-01	2,0 kg
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Black/ čierna	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-02	2,0 kg
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Bronze/ hnedá	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-03	2,0 kg

Page No.174

### CENTRAL BATTERY (CBS)

Type	Colour / Farba	Version	Light Source	Light Flux	Order Code	Weight
C.EXITLUX3 230V AC/DC PIR+ALS	Grey/ šedá	CBS NON-ADDRESSABLE	LED 5000K	1600 lm	153-B-401-00-00-01	2,0 kg
C.EXITLUX3 230V AC/DC PIR+ALS	Black/ čierna	CBS NON-ADDRESSABLE	LED 5000K	1600 lm	153-B-401-00-00-02	2,0 kg
C.EXITLUX3 230V AC/DC PIR+ALS	Bronze/ hnedá	CBS NON-ADDRESSABLE	LED 5000K	1600 lm	153-B-401-00-00-03	2,0 kg



MULTIEXIT3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5

C.EXITLUX3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5

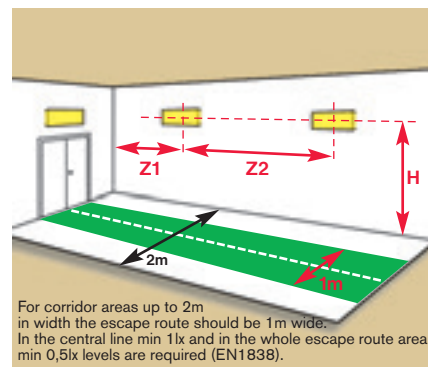
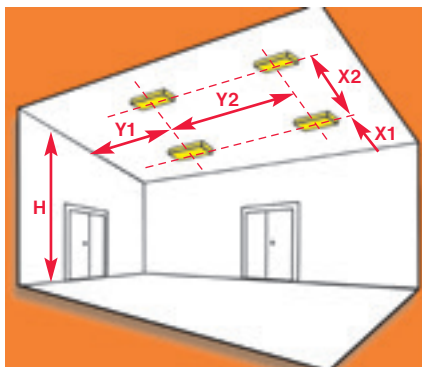


# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



MULTITREND2-AT  
LED  
C.TRENDLUX2  
LED

MULTITREND2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,4	8,8	4,5	12,0	2,9	8,8
3,00	3,5	9,1	4,6	12,3	2,7	8,6
3,50	3,5	9,6	4,5	12,4	2,4	8,2
4,00	3,6	9,9	4,4	12,6	-	-
4,50	3,5	10,1	4,2	12,7	-	-

C.TRENDLUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,2	10,7	5,8	15,2	2,4	6,2
3,00	4,3	11,0	5,9	15,6	2,3	6,1
3,50	4,5	11,7	6,0	16,5	2,0	5,6
4,00	4,7	12,5	6,1	17,0	1,4	4,9
4,50	4,8	13,0	6,2	17,5	0,2	3,7



MULTITREND2-AT  
+2xLED  
C.TRENDLUX2  
+2xLED  
(without legend,  
bez piktogramu)

MULTITREND2-AT+2xLED (without legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	2,7	6,6
3,00	-	-	-	-	2,8	6,6
3,50	-	-	-	-	2,9	7,0
4,00	-	-	-	-	3,1	7,2
4,50	-	-	-	-	3,2	7,7

C.TRENDLUX2+2xLED (without legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	2,2	5,3
3,00	-	-	-	-	2,5	5,8
3,50	-	-	-	-	2,7	6,3
4,00	-	-	-	-	2,8	6,7
4,50	-	-	-	-	2,9	7,2



MULTITREND2-AT  
+2xLED  
C.TRENDLUX2  
+2xLED  
(with legend,  
s piktogramom)

MULTITREND2-AT+2xLED (with legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	1,7	4,2
3,00	-	-	-	-	1,9	4,5
3,50	-	-	-	-	2,2	5,3
4,00	-	-	-	-	2,4	6,0
4,50	-	-	-	-	2,3	6,4

C.TRENDLUX2+2xLED (with legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	1,7	4,2
3,00	-	-	-	-	1,9	4,5
3,50	-	-	-	-	2,2	5,3
4,00	-	-	-	-	2,4	6,0
4,50	-	-	-	-	2,3	6,4

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# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

## Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx



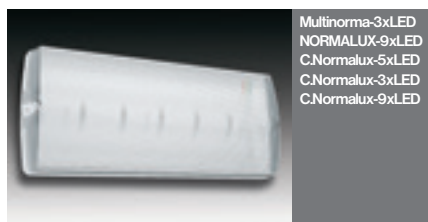
MULTIEVO2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,6	12,2	3,1	7,5	2,9	7,6
3,00	4,7	12,4	3,2	8,0	2,9	7,8
3,50	4,9	12,9	3,2	8,5	2,8	8,0
4,00	5,2	13,6	3,2	8,9	2,7	8,0
4,50	-	-	-	-	-	-

C.EVOLUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	5,0	13,4	3,3	8,2	3,2	8,3
3,00	5,2	13,5	3,5	8,5	3,2	8,4
3,50	5,4	14,2	3,6	9,0	3,2	8,6
4,00	5,7	14,8	3,6	9,5	3,1	8,9
4,50	-	-	-	-	-	-



MULTINORMA2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,8	7,5	3,1	8,4	1,9	5,7
3,00	3,0	7,7	3,2	9,1	1,9	5,7
3,50	3,1	8,2	3,4	9,1	1,1	5,0
4,00	-	-	-	-	-	-

C.NORMALUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,5	8,8	4,1	10,9	2,5	7,4
3,00	4,0	9,4	4,2	10,9	2,5	7,4
3,50	3,8	9,7	4,3	11,7	2,1	6,6
4,00	-	-	-	-	-	-



C.NORMALUX-5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	11,2	4,7	12,2	3,6	9,4
3,00	3,9	11,4	4,6	12,6	3,4	9,2
3,50	3,7	11,6	4,3	13,0	3,2	9,0
4,00	3,2	11,2	3,5	13,2	3,1	8,9

MULTINORMA-3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,2	7,9	2,4	9,2	2,2	7,0
3,00	2,2	7,6	2,0	9,0	1,6	6,6
3,50	1,3	7,0	1,2	8,4	-	-
4,00	-	-	-	-	-	-

**FOR HEIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**

NORMALUX-9xLED HEIGH CEILING						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	5,9	14,6	5,9	15,0	-	-
3,00	6,1	15,2	6,1	15,6	-	-
4,00	6,8	17,1	6,8	17,3	-	-
5,00	6,8	18,6	6,8	17,8	-	-
6,00	6,0	19,4	6,0	17,1	-	-
7,00	4,9	19,3	4,9	16,9	-	-
8,00	3,2	18,0	3,2	16,3	-	-
9,00	1,9	16,1	1,9	15,1	-	-

C.NORMALUX-3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,8	9,5	3,3	10,2	2,6	7,4
3,00	2,6	8,8	2,9	10,3	2,2	7,4
3,50	2,0	8,4	1,9	10,2	1,8	7,2
4,00	1,5	7,8	1,3	9,1	1,4	7,0

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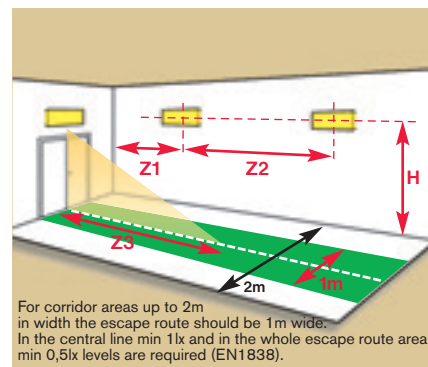
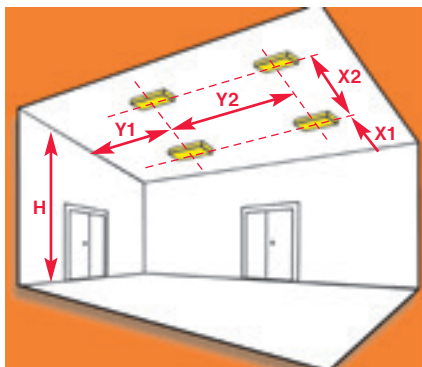
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

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MULTIPRIMA-AT  
+2xLED  
C.PRIMALUX  
+2xLED



MULTIPRIMA-A-AT +2xLED				
H (m)	Z1 (m)	Z2 (m)	Z3/0,5lx (m)	Z3/1lx (m)
2,00	2,2	5,7	4,9	4,0
2,10	2,2	5,7	5,0	4,1
2,30	2,1	5,7	5,2	4,3
2,50	2,0	5,7	5,4	4,3
2,75	1,7	5,7	5,6	4,4
3,00	-	5,7	5,8	4,4

C.PRIMALUX-A+2xLED				
H (m)	Z1 (m)	Z2 (m)	Z3/0,5lx (m)	Z3/1lx (m)
2,00	2,2	5,7	4,9	4,0
2,10	2,2	5,7	5,0	4,1
2,30	2,1	5,7	5,2	4,3
2,50	2,0	5,7	5,4	4,3
2,75	1,7	5,7	5,6	4,4
3,00	-	5,7	5,8	4,4

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MULTIPRIMA-APA  
MULTIPRIMA-APA  
MULTIPRIMA-APB  
MULTIPRIMA-APB  
+2xLED  
C.PRIMALUX-APA  
C.PRIMALUX-APB  
C.PRIMALUX-AVB  
+2xLED



MULTIPRIMA-AT-APA/-AVA +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	6,0	17,5	-	-
3,00	-	-	6,1	17,9	-	-
3,50	-	-	5,7	18,0	-	-
4,00	-	-	4,7	17,5	-	-

C.PRIMALUX-APA/-AVA +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	6,0	17,5	-	-
3,00	-	-	6,1	17,9	-	-
3,50	-	-	5,7	18,0	-	-
4,00	-	-	4,7	17,5	-	-

MULTIPRIMA-AT-APB/-AVB +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,5	3,0	9,6	-	-
3,00	3,1	11,2	2,3	9,8	-	-
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-

C.PRIMALUX-APB/-AVB +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,5	3,0	9,6	-	-
3,00	3,1	11,2	2,3	9,8	-	-
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-

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# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

## Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx



MULTILED-SPOT2-A  
CLEDLUX-SPOT2-A

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:6,43 (required max 1:40) \*



MULTILED-SPOT2-A  
CLEDLUX-SPOT2-A

C.LEDLUX-SPOT2-A / MULTILED-SPOT2-A						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	8,3	20,1	-	-
3,00	-	-	8,4	20,9	-	-
3,50	-	-	7,9	22,5	-	-
4,00	-	-	7,7	23,5	-	-
4,50	-	-	7,1	23,1	-	-
5,00	-	-	6,4	21,9	-	-



MULTILED-SPOT2-B  
CLEDLUX-SPOT2-B

Centre line of the escape route (according to EN1838): Emin=1,01lx (min required 1lx), Emin/Emax= 1:7,02 (required max 1:40) \*



MULTILED-SPOT2-B  
CLEDLUX-SPOT2-B

C.LEDLUX-SPOT2-B / MULTILED-SPOT2-B						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,8	12,6	3,8	12,6	-	-
3,00	3,3	12,7	3,3	12,7	-	-
3,50	2,5	11,8	2,5	11,8	-	-
4,00	1,8	10,1	1,8	10,1	-	-



### FOR HEIGH CEILING >4m PRE VYSOKÉ STROPY >4m



MULTILED-SPOT2-  
HCA 2xLED  
CLEDLUX-SPOT2-  
HCA 2xLED

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:11 (required max 1:40) \*

C.LEDLUX-SPOT2/ MULTILED-SPOT2 HCA						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	-	-	8,0	18,9	-	-
5,00	-	-	8,9	21,4	-	-
6,00	-	-	9,7	23,5	-	-
7,00	-	-	10,3	25,4	-	-
8,00	-	-	10,8	26,9	-	-
9,00	-	-	11,2	28,3	-	-



MULTILED-SPOT2-  
HCB 2xLED  
CLEDLUX-SPOT2-  
HCB 2xLED

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:11 (required max 1:40) \*

C.LEDLUX-SPOT2/ MULTILED-SPOT2 HCB						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	6,0	13,9	6,0	13,9	-	-
5,00	6,5	15,9	6,5	15,9	-	-
6,00	6,7	17,5	6,7	17,5	-	-
7,00	6,4	18,5	6,4	18,5	-	-
7,50	4,5	18,7	4,5	18,7	-	-
8,00	2,7	18,8	2,7	18,8	-	-

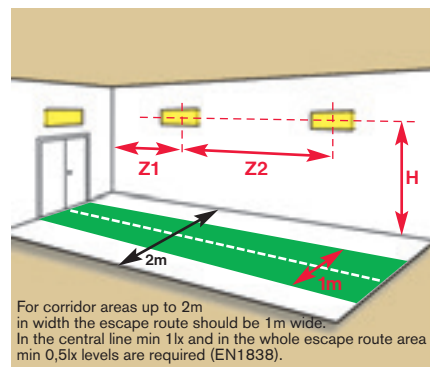
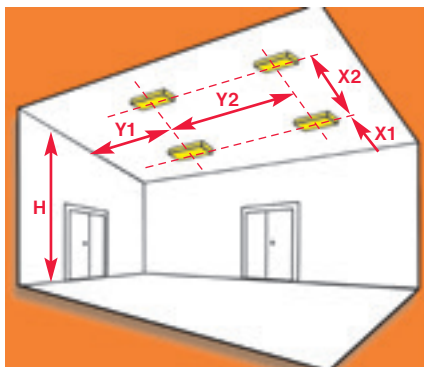
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# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svetidiel pre dosiahnutie osvetlenia 1lx



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



MULTIARRIS2-AT-A  
C.ARRISLUX2-A  
+1xLED

MULTIARRIS-AT-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,30	-	-	-	-	10	20
2,75	-	-	-	-	8	16
-	-	-	-	-	-	-
-	-	-	-	-	-	-



MULTIARRIS2-AT-B  
C.ARRISLUX2-B  
+1xLED



MULTITRIPLE2-AT-B  
C.TRIPLELUX2-B  
+1xLED



MULTITRIPLE2-AT-A  
C.TRIPLELUX2-A  
+1xLED

MULTITRIPLE-AT-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,30	-	-	-	-	10	20
2,75	-	-	-	-	8	16
-	-	-	-	-	-	-
-	-	-	-	-	-	-



MULTILED-FLAT  
3xLED  
C.LEDLUX-FLAT  
3xLED

MULTILED-FLAT 3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	1,6	4,5	3,9	10,0	-	-
3,00	1,6	4,4	4,0	10,1	-	-
3,50	1,7	4,4	4,1	10,6	-	-
4,00	1,7	4,4	4,1	11,0	-	-

C.LEDLUX-FLAT 3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	1,7	5,2	4,2	10,5	-	-
3,00	1,7	5,1	4,3	10,8	-	-
3,50	1,8	5,0	4,5	11,5	-	-
4,00	1,9	4,9	4,6	11,9	-	-

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# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

## Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx



Multipictor-AT 8W  
Multipictor-5xLED  
Multipictor-3xLED  
MULTIPICTOR 8W  
PICTORLUX 8W  
C.PICTORLUX 8W  
C.Pictorlux-5xLED  
C.Pictorlux-3xLED

MULTIPICTOR-AT 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,2	8,6	2,8	7,3	2,2	6,6
3,00	3,2	8,8	2,9	7,5	1,9	6,4
3,50	3,1	9,0	2,8	7,8	1,4	6,0
4,00	3,0	9,1	2,7	8,0	-	-

PICTORLUX / MULTIPICTOR 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,5	7,2	2,3	6,3	1,5	5,2
3,00	2,5	7,2	2,2	6,3	-	-
3,50	2,2	7,2	2,2	6,3	-	-
4,00	1,8	7,0	1,6	6,1	-	-

MULTIPICTOR-5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,8	11,5	4,3	11,1	3,6	9,2
3,00	3,8	10,6	4,4	11,4	3,5	8,7
3,50	3,9	10,3	4,4	11,8	3,1	8,4
4,00	3,9	10,6	4,3	12,3	2,5	7,4

MULTIPICTOR-3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,0	8,2	3,4	9,2	3,3	7,6
3,00	3,0	8,3	3,4	9,4	2,7	7,4
3,50	2,9	8,4	3,2	9,6	2,0	6,6
4,00	2,6	8,4	2,8	9,5	-	-

C.PICTORLUX-5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,1	14,3	4,7	11,9	3,7	9,8
3,00	4,2	13,2	4,8	12,3	3,8	9,4
3,50	4,3	11,6	4,9	12,9	3,5	9,0
4,00	4,4	11,6	4,8	13,4	3,1	8,7

C.PICTORLUX-3xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,4	9,1	3,7	10,1	3,4	8,2
3,00	3,4	9,1	3,8	10,3	3,0	8,1
3,50	3,4	9,2	3,7	10,6	2,7	8,0
4,00	3,2	9,4	3,5	10,7	1,6	6,3

C.PICTORLUX 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,3	11,5	3,6	8,9	3,3	8,3
3,00	4,4	11,8	3,8	9,3	3,2	8,4
3,50	4,5	12,1	3,9	9,9	3,0	8,7
4,00	4,5	12,3	4,0	10,4	2,8	8,8



MULTIHILL 5xLED  
HILLUX 18W  
C.HILLUX 5xLED  
C.HILLUX 18W

MULTIHILL 5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,4	4,0	10,4	3,2	8,4
3,00	4,0	10,6	4,0	10,6	2,8	8,1
3,50	4,1	11,0	4,1	11,0	2,4	7,7
4,00	4,0	11,2	4,0	11,2	1,7	7,0

HILLUX 18W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,8	7,7	2,8	7,7	1,4	5,6
3,00	2,9	7,9	2,9	7,9	-	-
3,50	2,8	8,0	2,8	8,0	-	-
4,00	2,7	8,1	2,7	8,1	-	-

C.HILLUX 5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,4	11,4	4,4	11,4	3,5	9,2
3,00	4,4	11,6	4,4	11,6	3,3	8,8
3,50	4,5	12,0	4,5	12,0	2,9	8,4
4,00	4,5	12,4	4,5	12,4	2,3	8,0

C.HILLUX 18W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	5,4	13,4	5,4	13,4	2,6	7,5
3,00	5,6	14,0	5,6	14,0	2,0	7,0
3,50	5,9	14,7	5,9	14,7	-	-
4,00	6,1	15,6	6,1	15,6	-	-

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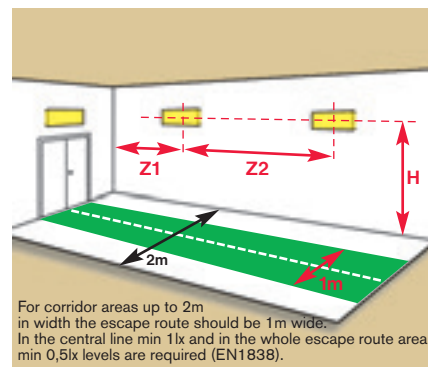
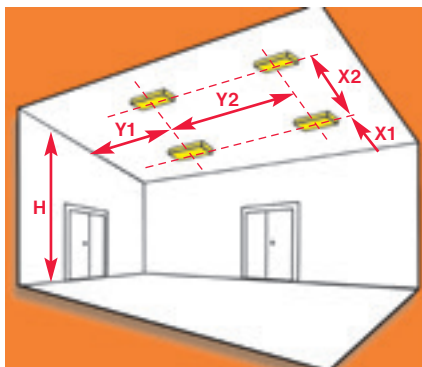
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



MULTIPOWER2-AT  
C.POWERLUX2

**FOR HEIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**

MULTIPOWER2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,5	17,3	7,5	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-

C.POWERLUX2-LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,5	17,3	7,5	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-



MULTIROTALUX2-AT  
LED  
C.ROTALUX2-LED

**FOR HEIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**

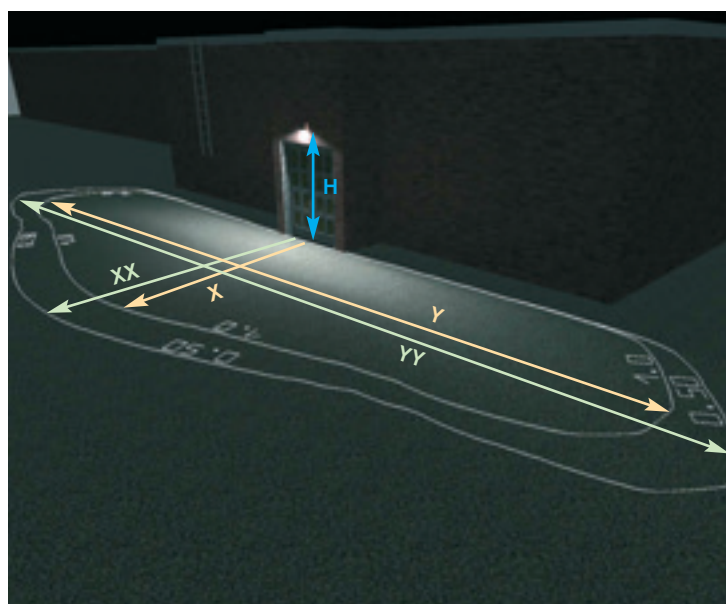
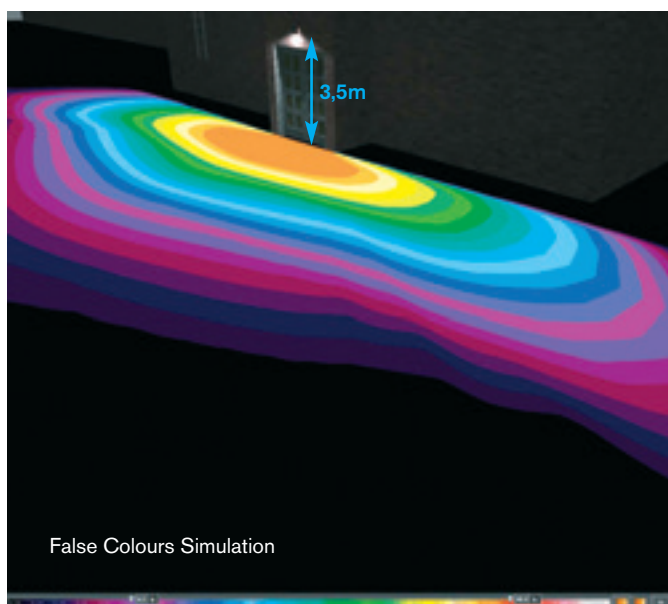
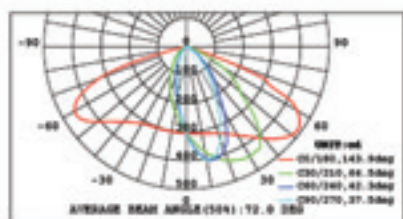
MULTIROTALUX2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,9	17,3	7,9	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-

C.ROTALUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,9	17,3	7,9	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-

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# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

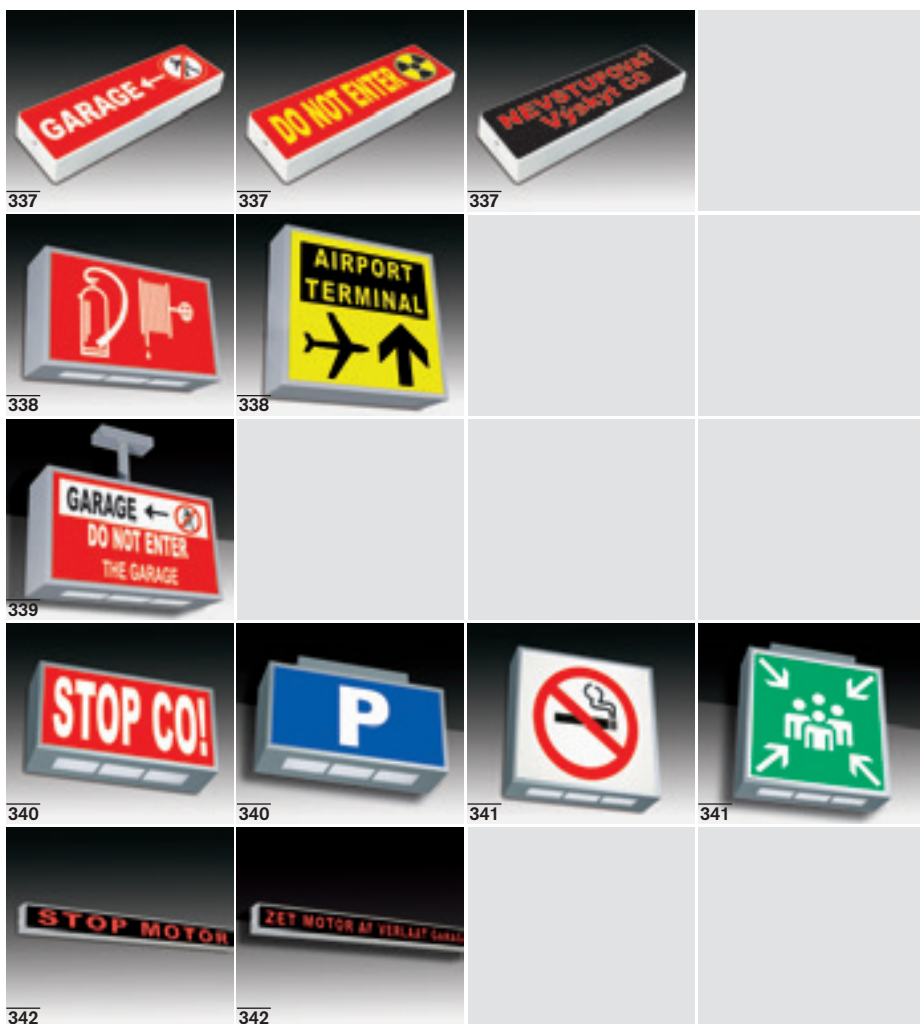


MULTIEXIT3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5

C.EXITLUX3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5

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<b>MICROINFO</b>	<b>337</b>
MICROINFO 11W	337
MICROINFO-EP 11W	337
MICROINFO 2x15W/E14	337
<b>INFO</b>	<b>338</b>
INFO 11W	338
INFO 2x9W	338
INFO 18W	338
INFO LED	338
<b>TOPINFO</b>	<b>339</b>
TOPINFO 11W	339
TOPINFO 2x9W	339
TOPINFO 18W	339
TOPINFO LED	339
<b>C.CANLUX LED</b>	<b>340-341</b>
C.CANLUX-A 2xLED	340-341
C.CANLUX-A-TOP 4xLED	340-341
C.CANLUX-B 2xLED	340-341
C.CANLUX-B-TOP 4xLED	340-341
<b>SIGNALUX/MULTISIGNAL....</b>	<b>342-343</b>
C.SIGNALUX 58W / LED	342-343
C.SIGNALUX LED 230V AC	342-343
MULTISIGNAL 58W/1h	342-343
MULTISIGNAL-INF 18W/1h	342-343

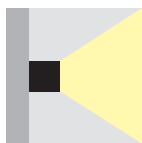


**SEC** is producer of the **whole informational lighting range** (LightBox Displays) for both general and special usage. Choose the **right information** lighting fixture SEC which would fulfil your expectations concerning design, power and especially **transfer of information** to the others.

Firma **SEC** vyrába celú škálu **informačných a reklamných svietidiel** pre všeobecné, ale aj špeciálne použitie.

Vyberte si práve také informačné alebo reklamné svetidlo SEC, ktoré Vám **naplní Vaše očakávania** z hľadiska dizajnu, výkonu, ale hlavne splnenia požiadavky „odovzdať informáciu“ ostatným.

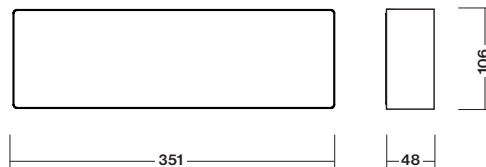




- MICROINFO type series lighting fixtures are designed as single sided small lighting **information and advertisement panels** for general use in offices, hotels, supermarkets, warehouses, hospitals, airports, public premises etc.
- Design:
  - sheet steel base finished in RAL9003 white polyester powder coat
  - diffuser: acrylic opal white (must be ordered separately including the required layout of legend)
- Svetidlá typovej rady MICROINFO sú určené pre malé svetelné **informačné/ reklamné návestia** pre všeobecné použitie v nemocniciach, obchodných priestoroch, úradoch, hoteloch, letiskách a iných priestoroch. Veľkou výhodou svetidiel **MICROINFO** sú ich malé rozmery a tým aj nenápadný vzhľad v interiéri.
- konštrukcia:
  - teleso svetidla - povrchovo upravený ocelový plech v RAL9003
  - svetelno-činný kryt - opálové PMMA s piktogramom (musí byť objednané ako samostatná položka so špecifikáciou piktogramu v objednávke)

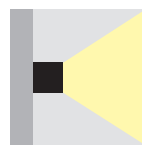
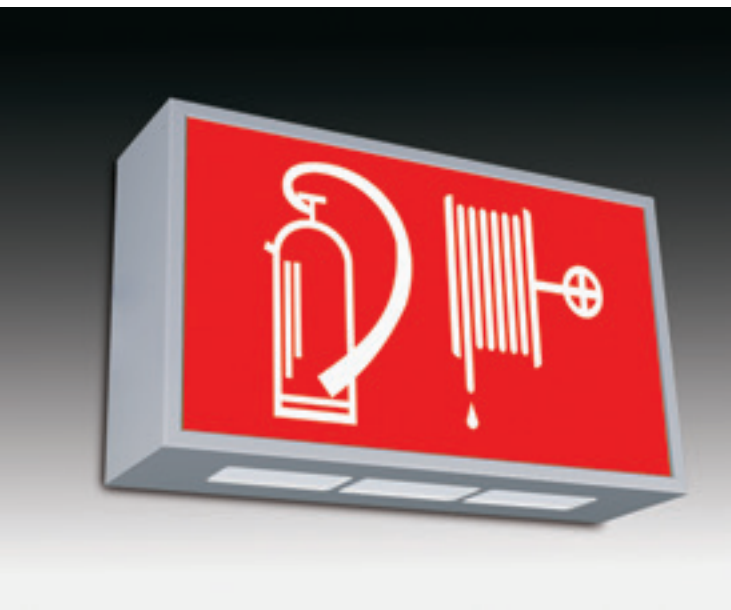
**ACCESSORIES / OPTIONS****PRÍPLATKY**

- The cover with customised legend must be ordered as a separate item. Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format
- kryt svetidla s piktogramom podľa špecifikácie odberateľa musí byť objednaný samostatne  
Do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou

**MICROINFO**

Type	Power Supply	Light Source / žiarivka	Ballast Type / typ predradníka	Order Code	Weight
MICROINFO 11W	230V AC	11W / G23	KVG / tlmička	81-B-00-999-00	0,7 kg
MICROINFO-EP 11W	230V AC/DC	11W / 2G7	EVG / elektronický	81-B-08-999-00	0,6 kg
MICROINFO 2x15W/E14	230V AC/DC	2x E14/max 15W	-	81-B-04-01-00	0,5 kg
The diffuser with a customised legend. Please include required legend design in your order				On request	0,2 kg
Kryt svetidla s piktogramom podľa vašej špecifikácie odberateľa. Grafiku na piktogram pošlite spolu s objednávkou				na požiadanie	0,2 kg

# INFO



- The INFO type series is designed as a **wall mounting lighting information or lightbox displays** for general use in office buildings, hotels, warehouses, cinemas, assembly areas, airports, public premises etc.
- Body: extruded aluminium profile
- Diffuser: opal white acrylic diffuser with customised pictogram (its type must be specified in the order)
- Svietidlá typovej rady INFO sú určené pre **nástenné svetelné jednostranné informačné/reklamnú návesť** pre všeobecné použitie v úradoch, kinách, administratívnych budovách, hoteloch, garážach, letiskách, vlakových nástupištách a pod.
- teleso svietidla - hliníkový profil
- svetelno-činný kryt -PMMA s piktogramom podľa špecifikácie odberateľa (typ pikto musí byť špecifikovaný v objednávke)

## ACCESSORIES / OPTIONS

## PRÍPLATKY

- The cover with customised legend must be ordered as a separate item. Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format
- kryt svietidla s piktogramom podľa špecifikácie odberateľa
- musí byť objednaný samostatne
- do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou

**DO NOT  
ENTER!**

**VÝSKYT  
CO**

**STOP  
MOTOR**

**OPUSTITE  
PRIESTOR**

**VÝSKYT CO!  
NEVJÍŽDĚT DO GARÁŽÍ**

- EXAMPLES OF CUSTOMISED LEGENDS
- PŘÍKLADY ZÁKAZNÍCKÝCH PIKTOGRAMOV

## INFO

Type	Power Supply	Dimensions	Light Source	Order Code	Weight
INFO 2x9W	230V AC	250 x 250 x 95 mm	2x9W / G23	26-B-20-999-00	2,1 kg
INFO 11W	230V AC	370 x 210 x 95 mm	11W / G23	26-B-21-999-00	2,6 kg
INFO 18W	230V AC	650 x 240 x 95 mm	18W / G13	26-B-22-999-00	4,1 kg
INFO-370 LED 9W	230V AC	370 x 210 x 95 mm	LED / 3000K / 1400lm	26-B-44-999-00	2,6 kg
INFO-650 LED 18W	230V AC	650 x 240 x 95 mm	LED / 3000K / 2800lm	26-B-45-999-00	4,1 kg

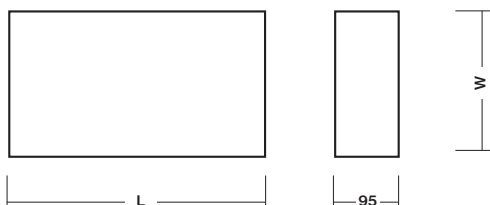


- The TOP-INFO type serie is designed as **lighting information or advertisement panels** for general use in offices, hotels, warehouses, assembly areas, airports, public premises etc.
- The lighting fixtures are available in two versions: standard is bracket
  - 122mm long bracket ceiling mount (TOPINFO)
  - 2pcs of suspension hooks (TOPINFO-H)
- Body: extruded aluminium profile
- Diffuser: opal white acrylic diffuser with customised pictogram (must be ordered separately: 2pcs/fixture)
- Svietidlá typovej rady TOP-INFO sú určené pre **svetelné obojstranné informačné návestia** pre všeobecné použitie v úradoch, kinách, hoteloch, garážach, letiskách, vlakových nástupištách a pod.
- Svietidlo TOP-INFO je určené pre montáž na strop pomocou:
  - závesnej konzoly dĺžky 112mm (TOPINFO)
  - 2ks závesné oká na lankový/retiazkový záves (TOPINFO-H), čo je výhodné najmä v prípade veľkej svetlej výšky interiéru a potreby umiestnenia svietidla na dlhšom závese.
- Teleso svietidla - hliníkový profil
- Svetelno-činný kryt -PMMA s piktogramom podľa špecifikácie odberateľa (musí byť objednané ako samostatná položka - 2ks/svietidlo)

## ACCESSORIES / OPTIONS

## PRÍPLATKY

- DIFFUSER with customised legend must be ordered as a separate item**  
Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format.  
It is double sided fixture, 2pcs of the diffusers/fixture are needed
  - kryt svietidla s piktogramom podľa špecifikácie odberateľa
  - musí byť objednaný samostatne
  - do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou
- Je to obojstranné svietidlo, takže je potrebné objednať 2ks krytov/svietidlo



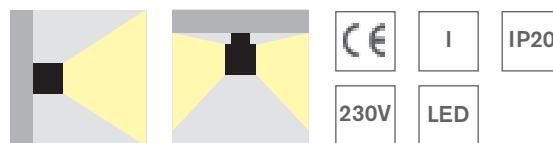
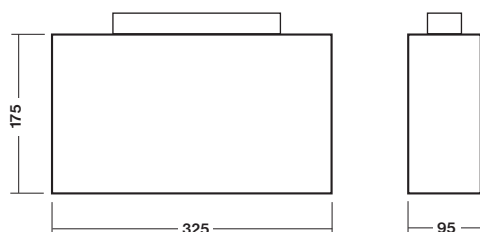
## TOPINFO with Suspended Bracket / na závesnej kozole

Type	Power Supply	Dimensions	Light Source	Order Code	Weight
TOPINFO 2x9W	230V AC	250 x 250 x 95 mm	2x9W / G23	26-B-23-999-00	2,5 kg
TOPINFO 11W	230V AC	370 x 210 x 95 mm	11W / G23	26-B-24-999-00	3,0 kg
TOPINFO 18W	230V AC	650 x 240 x 95 mm	18W / G13	26-B-25-999-00	4,5 kg
TOPINFO-370 LED 9W	230V AC	370 x 210 x 95 mm	LED / 3000K / 1400lm	26-B-40-999-00	3,0 kg
TOPINFO-650 LED 18W	230V AC	650 x 240 x 95 mm	LED / 3000K / 2800lm	26-B-41-999-00	4,5 kg

## TOPINFO-H with Suspension Hooks / so závesnými okami

Type	Power Supply	Dimensions	Light Source	Order Code	Weight
TOPINFO-H 2x9W	230V AC	250 x 250 x 95 mm	2x9W / G23	26-B-32-999-00	2,5 kg
TOPINFO-H 11W	230V AC	370 x 210 x 95 mm	11W / G23	26-B-33-999-00	3,0 kg
TOPINFO-H 18W	230V AC	650 x 240 x 95 mm	18W / G13	26-B-26-999-00	4,5 kg
TOPINFO-H-370 18W LED	230V AC	370 x 210 x 95 mm	LED / 3000K / 2800lm	26-B-42-999-00	3,0 kg
TOPINFO-H-650 36W LED	230V AC	650 x 240 x 95 mm	LED / 3000K / 5600lm	26-B-43-999-00	4,5 kg



**C.CANLUX-A-LED**

- Both wall mounting single sided (C.CANLUX) and ceiling mounting double sided (C.CANLUX-TOP) are designed as a lightbox displays with low energy consumption especially designed for applications where 24/7 non-stop operation is needed
- equipped with **2x3W or 4x3W high-power LEDs** with the lifetime **100.000h**
- Design:
  - Extruded anodised aluminium profile
  - Acrylic diffuser with legend (must be ordered separately including the legend specification by the customer, for single sided version 1pcs is needed, for doublesided version 2pcs are needed)
- nástenné jednostranné (C.CANLUX) alebo stropné obojstranné (C.CANLUX-TOP) informačné svetidlá vybavené **výkonnými a úspornými LED so životnosťou 100000hod** najmä pre aplikácie, kde je požadovaná trvalá prevádzka 24hod/deň
- konštrukcia:
  - eloxovaný hliníkový profil
  - PMMA difúzor s piktogramom  
(plexi kryt musí byť objednaný ako samostatná položka so špecifikáciou piktogramu. Pre jednostrannú verziu 1ks, pre obojstrannú 2ks plexi krytov)

**ACCESSORIES / OPTIONS****PRÍPLATKY**

- Plexi diffuser including pictograms (must be ordered separately) (1pcs for wall mounting version and 2pcs for ceiling mounting version are necessary)
- Wire rope suspension set
- **Emergency lighting including battery for 1h or 3h duration (see also page No.306)**
- plexi s piktogramom (musí byť objednané samostatne) (potrebný 1ks pre nástennú verziu a 2ks pre stropnú verziu)
- závesný lankový set
- **svetidlo vybavené núdzovým zdrojom a akumulátorom s autonómiou 1hod alebo 3h (viď katalóg str.306)**

**ZÁKAZ  
VSTUPU**

**VÝSKYT  
CO**

**STOP  
MOTOR**

**OPUSTITE  
PRIESTOR**

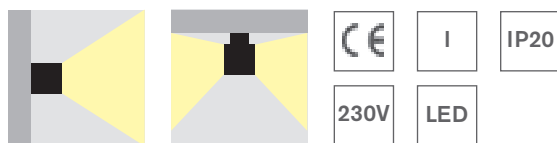
- **EXAMPLES OF CUSTOMISED LEGENDS**
- **PRÍKLADY ZÁKAZNÍCKYCH PIKTOGRAMOV**

**C.CANLUX-A Wall mounting / nástenná montáž**

Type	Power Supply	Light Source	Light Flux	Order Code	Weight
C.CANLUX-A-LED	230V AC/DC	2x High Power LED	240 lm	254-B-03-01	1,8 kg

**C.CANLUX-A-TOP Ceiling mounting / stropná montáž**

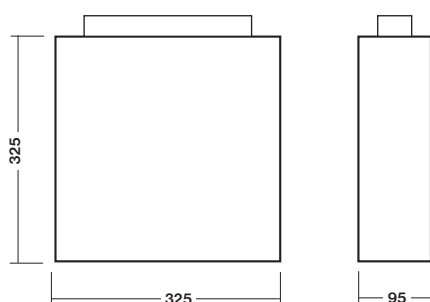
Type	Power Supply	Light Source	Light Flux	Order Code	Weight
C.CANLUX-A-TOP-LED	230V AC/DC	4x High Power LED	400 lm	254-B-04-01	1,9 kg



- Both wall mounting single sided (C.CANLUX) and ceiling mounting double sided (C.CANLUX-TOP) are designed as a lightbox displays with low energy consumption especially designed for applications where 24/7 non-stop operation is needed
- equipped with **2x3W or 4x3W high-power LEDs** with the lifetime **100.000h**
- Design:
  - Extruded anodised aluminium profile
  - Acrylic diffuser with legend (must be ordered separately including the legend specification by the customer, for single sided version 1 pcs is needed, for doublesided version 2pcs are needed)
- nástenné jednostranné (C.CANLUX) alebo stropné obojstranné (C.CANLUX-TOP) informačné svietidlá vybavené **výkonnými a úspornými LED so životnosťou 100000hod** najmä pre aplikácie, kde je požadovaná trvalá prevádzka 24hod/deň
- konštrukcia:
  - eloxovaný hliníkový profil
  - PMMA difúzor s piktogramom
- (plexi kryt musí byť objednaný ako samostatná položka so špecifikáciou piktogramu. Pre jednostrannú verziu 1ks, pre obojstrannú 2ks plexi krytov)

**ACCESSORIES / OPTIONS****PRÍPLATKY**

- Plexi diffuser including pictograms (must be ordered separately) (1pcs for wall mounting version and 2pcs for ceiling mounting version are necessary)
- Wire rope suspension set
- Emergency lighting including battery for 1h or 3h duration (see also page No.310)**
- plexi s piktogramom (musí byť objednané samostatne) (potrebný 1ks pre nástennú verziu a 2ks pre stropnú verziu)
- Závesný lankový set
- Svietidlo vybavené núdzovým zdrojom a akumulátorom s autonómiou 1hod alebo 3h (viď katalóg str.310)**



C.CANLUX-A / C.CANLUX-TOP-A Optional plexi with legend / Plexi s piktogramom	Order Code : objednávaci kód
Diffuser without legend/ plexi bez piktogramu	254-B-100-00-00
Diffuser with customised pictogram style	on request
Plexi s pikto podľa špecifikácie odberateľa	na požiadanie

**C.CANLUX-B Wall mounting / nástenná montáž**

Type	Power Supply	Light Source	Light Flux	Order Code	Weight
C.CANLUX-B-LED	230V AC/DC	2x High Power LED	240 lm	254-B-05-01	3,0 kg

**C.CANLUX-B-TOP Ceiling mounting / stropná montáž**

Type	Power Supply	Light Source	Light Flux	Order Code	Weight
C.CANLUX-B-TOP-LED	230V AC/DC	4x High Power LED	400 lm	254-B-06-01	3,2 kg

**SIGNALUX/MULTISIGNAL**

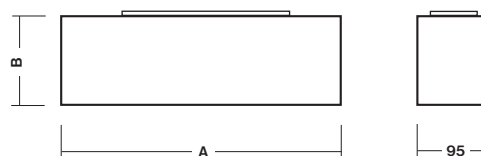
- **C.SIGNALUX 58W or LED** informational lighting fixture is designed for parking garages. It is without the battery.
- **SIGNALUX/MULTISIGNAL/MULTITOP /1h** are informational & emergency lighting fixtures designed especially for parking garages. It is equipped with both battery 3.6V/1,8Ah or 3,6V/4,0 Ah (emergency duration 1 hour) and either 18W or 58W fluorescent tube. For all versions: In case on OK status the legend is not visible (black). In case of emergency the legend (red letters) is visible to signalise the emergency mode.
- MULTISIGNAL-INF 18 is designed for wall mounting (single sided)
- MULTITOP-INF 18W is double sided fixture ready for suspended mounting
- Body : made of extruded aluminum profiles
- Diffuser: made of acrylic
- svetidlá typovej rady SIGNALUX/MULTISIGNAL/MULTITOP 1h a C.SIGNALUX 58W a LED sú určené pre svetelné informačné návěstia (SIGNALUX 58W/MULTISIGNAL-INF 18W/MULTITOP-INF 18W/1h aj s batériou pre núdzovú prevádzku po dobu 1h) pre použitie v podchodoch, metre, podzemných garážach a pod. V prípade, že nie je núdzový stav, piktogram nie je viditeľný. Po rozsvietení svetelného zdroja je piktogram čitateľný (červené písmená).
- teleso svetidla - eloxovaný hliníkový profil
- svetelno-činný kryt - PMMA

**STANDARD FEATURES****ŠTANDARDNÁ VÝBAVA**

- 1 or 2pcs of plexi diffuser with customised legend (required legend design must be specified in the order)
- 1ks alebo 2ks plexi s piktogramom podľa špecifikácie odberateľa (text pre nápis musí byť uvedený v objednávke)

**ACCESSORIES / OPTIONS****PRÍPLATKY**

- Legend according to customer specification
- Suspension hooks
- piktogram podľa špecifikácie odberateľa
- závesné oká pre montáž na lankový/retiazkový záves

**C.SIGNALUX 58W / C.SIGNALUX LED**

Type	Mounting	Dimensions AxB	Light Source	Order Code	Weight
C.SIGNALUX 58W/230V	Ceiling / stropný	1550 x 139 mm	58W / G13 / 5200lm	17-B-51-999-00	7,0 kg
C.SIGNALUX-W 58W/230V	Wall / nástenný	1550 x 130 mm	58W / G13 / 5200lm	17-B-52-999-00	7,2 kg
C.SIGNALUX 22W LED/230V	Ceiling / stropný	1550 x 139 mm	LED / 3000K / 3500lm	17-B-61-999-00	7,0 kg
C.SIGNALUX-W 44W LED/230V	Wall / nástenný	1550 x 130 mm	LED / 3000K / 7000lm	17-B-62-999-00	7,2 kg

**SIGNALUX / MULTISIGNAL-INF / MULTITOP-INF (Emergency for 1h)**

Type	Mounting	Dimensions AxB	Light Source	Order Code	Weight
SIGNALUX 58W/1h (NM)	Ceiling / stropný	1550 x 139 mm	58W / G13 / 520lm	17-B-53-999-00	7,5 kg
SIGNALUX-W 58W/1h (NM)	Wall / nástenný	1550 x 130 mm	58W / G13 / 520lm	17-B-50-999-00	7,7 kg
MULTISIGNAL-INF 18W/1h (NM/M)	Wall / nástenný	650 x 130 mm	18W / G13 / 240lm	17-B-65-999-00	3,5 kg





# CONTENTS

A	
AIROLUX LED	136-137
ARRISLUX2	246-247
AVANTIS-APD2	72-77
AVANTIS-CD2	130-131
C	
C.ARRISLUX2	246-247
C.CANLUX-A	306-308
C.CANLUX-B	310-311
C.CUBELUX	312-317
C.EXITLUX3	324-327
C.EVOLUX-P	182-189
C.EVOLUX-PP	190-191
C.EVOLUX-V	196-197
C.EVOLUX-VP	192-195
C.FROSTLUX	386-387
C.HILLUX	318-319
C.LEDLUX-P	288-293
C.LEDLUX2-P	232-240
C.LEDLUX-V	294-299
C.LEDLUX2-V	241-245
C.LEDLUX-DIM	302-305
C.LEDLUX-FLAT	300-301
C.LEDLUX-SPOT2-HCA	266-268
C.LEDLUX-SPOT2-HCB	269-271
C.LEDLUX-SPOT2-P	260-265
C.LEDLUX-SPOT2-V	250-259
C.NORMALUX	280-285
C.NORMALUX2	208-213
C.PICTORLUX	286-287
C.POWERLUX2	275-277
C.PRIMALUX-A	214-221
C.PRIMALUX-AP/-APA/-APB	222-226
C.PRIMALUX-AV/-AVA/-AVB	227-231
C.PRIMALUX-B	214-221
C.REFLUX	320-321
C.ROTALUX2	272-274
C.TRIPLELUX2	248-249
C.TRENDLUX2	198-203
C.TRENDLUX2-TOP	204-207
CANLUX-A	306-308
CANLUX-B	310-311
CBS	174
CBS PATROLUX	170
CUBELUX LED	312-317
E	
ELMAX-LOOK MINI	166-167
ELMAX-ATZB MINI	168-169
ELMAX-PATROLUX + CBS	170
EVOLUX2-P	182-189
EVOLUX2-PP	190-191
EVOLUX2-V	196-197
EVOLUX2-VP	192-195
EXITLUX3	324-327
F	
FROSTLUX	386-387

H	
HILLUX	318-319
I	
INFO	338
L	
LAMELUX-A LED	146-147
LAMELUX-B LED	146-147
LAMELUX-C LED	148-149
LAMELUX-D LED	148-149
LEDLUX-FLAT	300-301
LEDLUX-P	288-293
LEDLUX-P2	232-240
LEDLUX-V	294-299
LEDLUX-V2	241-245
LEDLUX-P DIMM	302-305
LEDLUX-V DIMM	302-305
LEDLUX-SPOT2-A-P	260-265
LEDLUX-SPOT2-A-V	250-259
LEDLUX-SPOT2-B-P	260-265
LEDLUX-SPOT2-B-V	250-259
LEDLUX-SPOT2-HCA	266-268
LEDLUX-SPOT2-HCB	269-271
M	
MICROINFO	337
MODULUX-A LED	150-153
MULTIARRIS2	246-247
MULTICAN-A	306-308
MULTICAN-B	310-311
MULTICUBE	312-317
MULTIEVO2-P	182-189
MULTIEVO2-PP	232-240
MULTIEVO2-V	196-197
MULTIEVO2-VP	192-195
MULTIEXIT3	324-327
MULTIFROST	386-387
MULTIHILL	318-319
MULTILED-FLAT	300-301
MULTILED-P	288-293
MULTILED2-P	226-233
MULTILED-V	294-299
MULTILED2-V	241-245
MULTILED-DIM	302-305
MULTILED-SPOT2-A-P	260-265
MULTILED-SPOT2-A-V	250-259
MULTILED-SPOT2-B-P	260-265
MULTILED-SPOT2-B-V	250-259
MULTILED-SPOT2-HCA	266-268
MULTILED-SPOT2-HCB	269-271
MULTINORMA	280-285
MULTINORMA2	208-213
MULTIPICTOR	286-287
MULTIPOWER2 LED	275-277
MULTIPRIMA-A/-B	214-221
MULTIPRIMA-AP	222-226
MULTIPRIMA-AV	227-231
MULTIREF	320-321

MULTIROTALUX2 LED	272-274
MULTISIGNAL	342-343
MULTITREND2	198-203
MULTITREND2-TOP	204-207
MULTITRIPLE2	248-249
N	
NEOLUX LED	132-133
NORMALUX	280-285
P	
PICTORLUX	286-287
POWERLUX2 LED	275-277
PRIMALUX-A/-B	214-221
PRIMALUX-AP	222-226
PRIMALUX-AV	227-231
R	
REFLUX	320-321
ROTALUX2 LED	272-274
S	
SIGNALUX	342-343
SOLIDLUX	156-157
SMARTLUX LED	138-139
T	
THINLUX-A LED	140-141
THINLUX-B LED	142-143
THINLUX-C LED	144-145
TOPINFO	339
TRIPLELUX2	248-249
TRENDLUX2	198-203
TRENDLUX2-TOP	204-207
V	
VARIOLUX LED	134-135
W	
WEGA-MODULE2 BLOCKS MODULAR	30-43
WEGA-MODULE2 BLOCKS MODULAR	114-130
WEGA-MODULE LED	44-55
WEGA-MODULE2-AA LED	50-51
WEGA-MODULE2-AB LED	52-58
WEGA-MODULE2-DA LED	64-65
WEGA-MODULE2-DAA LED	68-69
WEGA-MODULE2-DAB LED	70-71
WEGA-MODULE2-DB LED	66-67
WEGA-MODULE2-EA LED	62-63
WEGA-MODULE2-FAA LED	58-59
WEGA-MODULE2-FAB LED	60-61
WEGA-FRAME2-AA LED	90-95
WEGA-FRAME2-BA LED	106-107
WEGA-FRAME2-CA LED	78-81
WEGA-FRAME2-CB LED	82-85
WEGA-FRAME2-DA LED	96-99
WEGA-FRAME2-DB LED	100-101
WEGA-FRAME2-EAA LED	86-87
WEGA-FRAME2-EAB LED	88-89
WEGA-FRAME2-FAA LED	102-103
WEGA-FRAME2-FAB LED	104-105
WEGA-FRAME2-G LED	108-109
WEGA-FRAME2-H LED	110-113





## PROFESSIONAL LIGHTING SOLUTIONS 2018/2019

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