

Use: Luminaire is designed for illumination in mines and underground spaces susceptible to firedamp. It can also be used in other industrial places (indoor, outdoor or under shelter). See specification.

Technical description: Luminaire consists from body, basic plate and flange with protective glass. Body and flange are castings from grey cast iron treated with polyester powder paint. Steel pendant with eye \varnothing 18 mm is fixed to the upper part. Connecting area (increased safety „d“) with connecting clamps and 2 cable glands is placed on the side of luminaire. Flange cable glands No. 3-99.5747/1 from grey cast iron are designed for cable \varnothing 10 - 16 mm (No. 3-99.6170/1 for cable \varnothing 16 - 20 mm). Area is enclosed with cover from grey cast iron. Steel basic plate with electric parts and reflector is fixed in the body. Flange with glass cover is screwed in the body and secured with locking screw and silicon sealing against unlocking; thread shapes a rift of flameproof enclosure „d“. Protective hardened glass is resistant against mech. shock min. 7 J and is fixed in the flange; the connection is filled with a polyurethan putty. A steel hinge is fixed to the flange as the mobile one and enables to hang up the flange during mounting or dismounting. Steel parts are galvanized and treated with chromating. Luminaire is equipped with protective guard from galvanized steel wire. Max. section of connecting conductors 4 mm². Three-pole connecting terminal block enables interchanging 2 phases (4-core cable). Luminaire is equipped with 2 inner and 2 outer earthing clamps for conductive connection. Luminaire is designed as the through-way one, when used as end piece, there is necessary to use blinding plug (optionally on order). Packing carton is filled with polyurethane foam Instapak.

Accessories (on order): lampshade 254.5021/01, holder 4-99.7995 for immovable fixing to ceiling, blinding plug 547.2540/1, wrench M 205x2 type 3-99.6158/1, flange cable gland 3-99.6170/1. Optical red insert 439.2565, green 439.2566 or clear with refractor 439.2571 for signalling purposes by type 511 37 01 (with bulb max. 60 W only).

Spare parts (on order): protective guard type 2-99.7461, flange with glass type 3-99.5741/1.

-20 °C ≤ t_a ≤ +40 °C

Types	Recommended light source			Temper. class	T _{max. surf.} (°C)	Weight (kg)	Voltage (V/Hz)
511 37 01	Bulb	CLAS	200	T4	105	18.0	~ 230 / 50 = 220 V (DC)
	Bulb	CLAS	150	T5	92		
	Bulb	CLAS	60 - 100	T6	80		
	Compact fluor. lamp	DULUX EL	23	T6	60		
	Mixed-light lamp	HWL	160	T5	90		
	Bulb	CLAS	100	T5	85		
541 33 01	HP mercury vap. lamp	HQL	80	T4	95	19.0	~ 230 / 50
	HP sodium disch. lamp	NAV-E 50/I	50	T4	85		
541 33 02	HP mercury vap. lamp	HQL	125	T4	121		
	HP sodium disch. lamp	NAV-E	110	T4	100		
541 33 05	HP sodium disch. lamp	NAV	70	T4	87		
581 04 01	Compact fluor. lamp	DULUX D	26	T6	59	18.5	

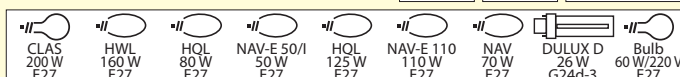


ČSN EN
60079-0,1
60079-15

ČSN EN
61241-0,1

ČSN EN 33 2000-3
321.4 AD5 321.5 AE6 321.6 AF1, AF2, AF3 AG2 321.7.1 AG2 321.7.2 AH2

M2: ČSN EN 1127-2
BE3N1: ČSN EN 61241-14 (Zone 21, 22)
BE3N2: ČSN EN 60079-14 (Zone 1, Zone 2)
BE3N3: ČSN EN 33 2340 (V1, V2, V3)



230 V
50 Hz

DC
220 V



Carton (mm/pcs)
430 x 240 x 240 / 1

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