

BERLIN LED 50

550 lm, 6 W, PC Tropol® (fracture proof), medium beam

Item Number: 421 050 34 03 - E

LED

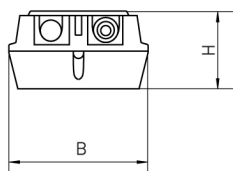
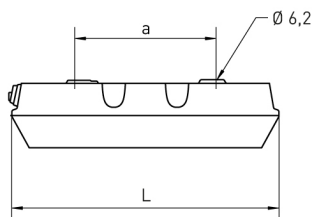


Illustration may differ

 easy eXchange

 medium beam

DIMENSIONS



L	340 mm
B	155 mm
H	85 mm
a	180 mm
max. Weight	1,0 kg

DESCRIPTION

Polymer luminaire for recessed and surface ceiling mounting with LED lamps. Useable in e.g. railway loop lines, section doors, storage rooms, cellars and technical side rooms. Suitable for cold areas down to -25 °C. Weather-proof and UV-resistant luminaire housing made of polymer, anthracite. Useable for indoor and outdoor areas according to protection rating IP 65. Sealing system made of age-resistant, form-retaining silicone/synthetic rubber. Detachable lamp diffuser made of PC Tropol® (fracture proof) with easy eXchange for LED and driver replacement. Luminaire ready for mounting and installation. Built-in driver 230 V AC/DC, optionally suitable for emergency lighting. One cable membrane M20. 2 kV transient filter. Single mounting. Ceiling or wall fixing with two concealed rear mounting apertures. Easy mounting due to modular construction.

INFORMATION

- > BERLIN LED 50 replaces 11 W TC-SEL
- > BERLIN LED 100 replaces 18 W TC-L / TC-D

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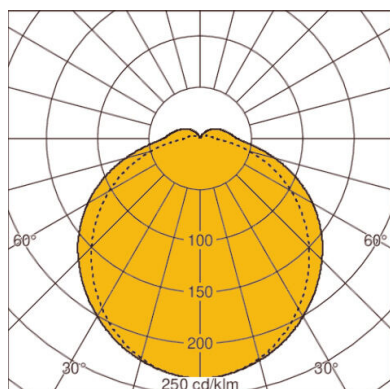
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CHARACTERISTICS

Version	50	Housing material	polymer
Lamp	LED	Colour housing	Anthracite
Number of lamps	1-lamp	Cover	lamp cover
Luminous flux lamp	550 lm	Material of the cover	PC Tropol® (fracture proof)
LOR	82 %	Light distribution	medium beam
Luminous flux luminaire	452 lm	Adjustability	not adjustable
max. System power	6 W	UGR Value (4H8H)*	18
Luminaire efficacy	75.3 lm/W	Protection class	II
Colour temperature	White, 840/4000 K, Ra > 80	IP-rating	IP65
Colour consistency (McAdam ellipse)	SDCM3	Impact strength	IK08
Lamp service life	L80 B10 > 60,000 h at +30°C	ENEC / VDE	Yes / Yes
Ambient temperature	-25°C to +30°C	Installation type	Surface mounting, ceiling mounting, wall mounting
Type of gear	LED operating device current-controlled, No dim function, 230 V - 240 V AC/DC	Replaceability of control gear	control gear replaceable by professional
EL (Emergency Lighting)	optional	Replaceability of light unit	LED tray replaceable by professional
Max. number of luminaires Circuit breaker B16	27		
Max. Number of luminaires Circuit breaker C16	43		
Through-wiring	without		

* The above mentioned UGR is based on example calculations. The effective value can only be determined with a light calculation.

DIAGRAMS



LOR: 82,0%