



Emergency Surface Mounted Downlight

EM152C SM 2S OA/CO NM3 ELP WH IP65

Emergency Surface Mounted Downlight, Surface mounted emergency downlight, 2 W, 2 W, D155mm; H46 mm, 273 lm, 6500 K, IP65, ELP3h

Safety is important for building owners, and therefore having proper emergency lighting in place is a major concern for them. The Emergency surface mounted Downlight EM152C offers an easy solution for stand-alone emergency lighting, that is fully compliant with European regulations. The lithium battery (LiFePO4) has many advantages over nickel-based products, as it has a longer lifetime, better discharge behavior, is produced in a more welfare friendly way and can be recycled. Two interchangeable lenses are supplied with the product, to adjust the beam angle to the application.

Product data

General Information	
Lamp family code	-
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	-

Light Technical	
Upwards light output ratio	0.0
Luminous Flux	273 lm
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	135 lm/W
Colour rendering index (CRI)	>80
Light source colour	6500
Optic type	Open area or corridor optic
Luminaire light beam spread	150° - 80° x 30°
Optic type outdoor	-

Emergency Surface Mounted Downlight

Effective projected area	25 m²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 Hz
Initial CLO power consumption	2 W
Average CLO power consumption	2 W
End CLO power consumption	2 W
Inrush current	3.04 A
Inrush time	100 ms
Power Consumption	2 W
Power Factor (Fraction)	0.39
Connection	2 push-in connectors 3-pole
Cable	-
Number of products on MCB (16 A type B)	213
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	-
Control interface	Internal (no external connection)
Constant light output	No
Maximum dim level	Not applicable
Embedded control	-
Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	UV-stabilised polycarbonate cover
Fixation material	-
Housing Colour	White
Mounting device	-
Optical cover/lens finish	Clear
Reflector finish	-
Overall height	46 mm
Overall diameter	155 mm
Parts colour	All parts coloured
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	0.415 kg
Emergency Operation	
Emergency flux	273 lm
Rated duration of the emergency lighting (when fully charged)	3 h

Additional max. power consumption when emergency battery is charging	2 W
Central Emergency	No
Emergency lighting	Emergency lighting 3-hour duration Pro version
Approval and Application	
Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+5 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-5%
Initial chromaticity	0.33
Power consumption tolerance	+/-10%
Init. Colour Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 35,000 h	5 %
Control gear failure rate at median useful life 50,000 h	10 %
Control gear failure rate at median useful life 50,000 h	25 %
Control gear failure rate at median useful life 100,000 h	50 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L95
Product Data	
Order product name	EM152C SM 2S OA/CO NM3 ELP WH IP65
Full product name	EM152C SM 2S OA/CO NM3 ELP WH IP65
Full EOC	871869979892500
Order code	79892500
Material no. (12 NC)	912401483507
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699798925

Emergency Surface Mounted Downlight

Numerator – packs per outer box	20
EAN/UPC – Case	8718699799908

Dimensional drawing

