



Emergency Surface Mounted Downlight

EM152C SM 2S OA/CO NM3 ELP WH IP65

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

D155mm; H46 mm, Polycarbonate, White, Signal white (RAL9003), 273 lm, 2 W, 135 lm/W, 6500 K, 0.33, Open area or corridor optic, Clear, UV-stabilised polycarbonate cover, IP65 | Dust penetration-protected, jet-proof, IK03 | 0.3 J, Safety class II, 2 push-in connectors 3-pole, Emergency lighting 3-hour duration Pro version

Product data

General Information		Luminaire light beam spread	
Lamp family code	-	Luminaire light beam spread	150° - 80° x 30°
Number of gear units	Unit	Optic type outdoor	-
Driver included	Yes	Effective projected area	25 m ²
Light source engine type	LED	Operating and Electrical	
Mounting	Surface	Input Voltage	220-240 V
Value ladder	Value	Line Frequency	50 Hz
Warranty period	5 years	Initial CLO power consumption	2 W
		Average CLO power consumption	2 W
		End CLO power consumption	2 W
		Inrush current	3.04 A
Light Technical		Inrush time	100 ms
Upwards light output ratio	0.0	Power Consumption	2 W
Luminous Flux	273 lm	Power Factor (Fraction)	0.39
Correlated Colour Temperature (Nom)	6500 K	Connection	2 push-in connectors 3-pole
Luminous efficacy (rated) (nom.)	135 lm/W	Cable	-
Colour rendering index (CRI)	>80	Number of products on MCB (16 A type B)	213
Light source colour	6500		
Optic type	Open area or corridor optic		

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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)	0.300 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
Emergency function testing method	Automatic pre-programmed self testing
Emergency lighting operation mode	Non-maintained

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

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.

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	912401483507
Material no. (12 NC)	912401483507
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699798925
Numerator – packs per outer box	20
EAN/UPC – Case	8718699799908

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Dimensional drawing

