



Emergency Spot

EM150B REC 1S OA/CO NM3 ELB WH IP20

Emergency Spot, recessed, 2 W, 2 W, D50 mm, 135 lm, 6500 K, IP20, ELB3h

recessed, D50 mm, Polycarbonate, White, Signal white (RAL9003), 135 lm, 2 W, 130 lm/W, 6500 K, 0.33, Open area or corridor optic, Clear, UV-stabilised polycarbonate cover, IP20 | Finger-protected, IK04 | 0.5 J standard plus, Safety class II, Emergency lighting 3-hours duration basic version

Product data

General Information		Effective projected area	
Lamp family code	-	Effective projected area	6 m ²
Number of gear units	Unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220-240 V
Light source engine type	LED	Line Frequency	50 Hz
Service Tag	No	Initial CLO power consumption	2 W
Value ladder	Value	Average CLO power consumption	1.2 W
Warranty period	5 years	End CLO power consumption	2 W
Light Technical		Inrush current	3 A
Upwards light output ratio	0.96	Inrush time	100 ms
Luminous Flux	135 lm	Power Consumption	2 W
Correlated Colour Temperature (Nom)	6500 K	Power Factor (Fraction)	0.34
Luminous efficacy (rated) (nom.)	130 lm/W	Connection	-
Colour rendering index (CRI)	>80	Cable	0.2 meter cable (H03VVH2-F)
Light source colour	6500	Number of products on MCB (16 A type B)	244
Optic type	Open area or corridor optic	Suitable for random switching	Not applicable
Luminaire light beam spread	165° - 160° x 50°	Protection class IEC	Safety class II
Optic type outdoor	-		

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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 length	250 mm
Overall width	36 mm
Overall height	27 mm
Overall diameter	50 mm
Dimensions (height x width x depth)	27 x 36 x 250 mm
Parts colour	All parts coloured
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	0.200 kg

Emergency Operation	
Emergency flux	135 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-hours duration basic version
Emergency function testing method	Manual/Test button
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 +45 °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	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

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

Product Data	
Order product name	EM150B REC 1S OA/CO NM3 ELB WH IP20
Full product name	EM150B REC 1S OA/CO NM3 ELB WH IP20
Full EOC	871869979890100
Order code	912401483505
Material no. (12 NC)	912401483505
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699798901
Numerator – packs per outer box	20
EAN/UPC - Case	8718699799885

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Dimensional drawing

