PHILIPS

EM150B REC 1S OA/CO NM3 ELP WH IP20

912401483504



Emergency Spot, Recessed, 2 W, 2 W, D50 mm, 135 lm, 6500 K, IP20, ELP3h, Non-maintained

Recessed, D50 mm, Polycarbonate, White, Signal white (RAL9003), 135 lm, 2 W, 68 lm/W, 6500 K, 0.33, Open area or corridor optic, Clear, UV stabilized Polycarbonate cover, IP20 | Finger-protected, IK04 | 0.5 J standard plus, Safety class II, Push-in connector 2-pole, Emergency lighting 3 hours duration Pro version

General Information

Lamp family code	-
Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Light source engine type	LED
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Upward light output ratio	0.96
Luminous Flux	135 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	68 lm/W
Color rendering index (CRI)	>80
Light source color	6500
Optic type	Open area or corridor optic
Luminaire light beam spread	165° - 160° x 50°
Optic type outdoor	-
Effective projected area	6 m^2

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 Hz

Initial CLO power consumption	2 W
Average CLO power consumption	1.2 W
End CLO power consumption	2 W
Inrush current	3 A
Inrush time	100 ms
Power Consumption	2 W
Power Factor (Fraction)	0.34
Connection	Push-in connector 2-pole
Cable	0.2 meter cable (H03VVH2-F)
Number of products on MCB of 16 A type B	244
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 material	UV stabilized Polycarbonate cover
Fixation material	-
Housing Color	White
Mounting device	-
Optical cover 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 color	All parts colored
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	0.180 kg

Emergency Operation

Emergency flux	135 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Additional max. power consumption when emergency battery is charging	2 W
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours 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 +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	0.33
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 35000 h	5 %
Control gear failure rate at median useful life 50000 h	10 %
Control gear failure rate at median useful life 75000 h	25 %
Control gear failure rate at median useful life 100000 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

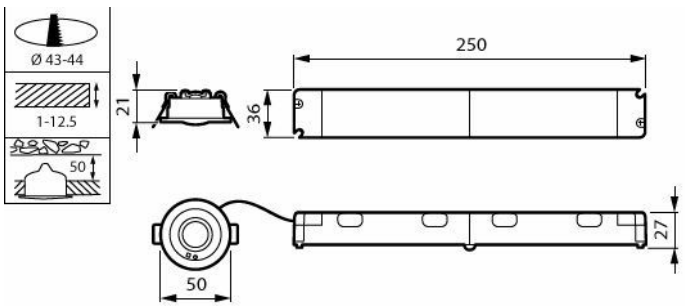
Product Data

Order product name	EM150B REC 1S OA/CO NM3 ELP WH IP20
Full product name	EM150B REC 1S OA/CO NM3 ELP WH IP20
Full product code	871869979889500
Order code	912401483504
Material Nr. (12NC)	912401483504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699798895
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699799878

Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	EM150B-REC-1S-OA-CO-UI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	EM150B-ELP-912401483504.zip	Download

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