



Emergency Bulkhead

EM154C HO BKD 15S NM3 ELB IP65

Emergency Bulkhead, high output, 10 W, 10 W, 321x167 mm; H83 mm, 1587 lm, 6500 K, IP65, ELB3h

Safety is important for building owners, and therefore having proper emergency lighting in place is a major concern for them. The Emergency bulkheads EM153C and EM154C offer an easy solution for stand-alone emergency lighting, with maintained/non-maintained mode which leave the choices by customers. The lithium battery (LiFePO4) has many advantages over nickel-based products, as it has a longer lifetime, better discharge behaviors, is produced in a more welfare friendly way and can be recycled.

Product data

General Information		Luminaire light beam spread	
Lamp family code	-	Luminaire light beam spread	135°
Number of gear units	Unit	Optic type outdoor	-
Driver included	Yes	Effective projected area	24 m ²
Light source engine type	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220-240 V
Warranty period	5 years	Line Frequency	50 Hz
Light Technical		Initial CLO power consumption	10 W
Upwards light output ratio	6.82	Average CLO power consumption	10 W
Luminous Flux	1,587 lm	End CLO power consumption	10 W
Correlated Colour Temperature (Nom)	6500 K	Inrush current	12.8 A
Luminous efficacy (rated) (nom.)	176 lm/W	Inrush time	100 ms
Colour rendering index (CRI)	>80	Power Consumption	10 W
Light source colour	6500	Power Factor (Fraction)	0.3
Optic type	-	Connection	2 push-in connectors 3-pole
		Cable	-

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Number of products on MCB (16 A type B)	190
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	Ribbed
Reflector finish	-
Overall length	321 mm
Overall width	167 mm
Overall height	83 mm
Dimensions (height x width x depth)	83 x 167 x 321 mm
Parts colour	All parts coloured
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	1.470 kg

Emergency Operation

Emergency flux	1,587 lm
Rated duration of the emergency lighting (when fully charged)	3 h
Additional max. power consumption when emergency battery is charging	10 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	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
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	EM154C HO BKD 15S NM3 ELB IP65
Full product name	EM154C HO BKD 15S NM3 ELB IP65
Full EOC	871869979897000
Order code	912401483512
Material no. (12 NC)	912401483512
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699798970
Numerator – packs per outer box	10
EAN/UPC – Case	8718699799953

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Dimensional drawing

