



Emergency Bulkhead

EM153C SM BKD EXIT SIGN M3 ELB IP65

Emergency Bulkhead, Emergency bulkhead, 4 W, 4 W, 351x111 mm; H63 mm, 175 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		Color rendering index (CRI)	
Lamp family code	-	Color rendering index (CRI)	>80
Number of gear units	1 unit	Light source color	6500
Driver included	Yes	Optic type	-
Light source engine type	LED	Luminaire light beam spread	120°
Value ladder	Value	Optic type outdoor	-
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Effective projected area	3 m ²
Warranty period	5 years	Operating and Electrical	
Sustainability rating	Unclassified	Input Voltage	220-240 V
Light Technical		Line Frequency	50 Hz
Upward light output ratio	0.77	Initial CLO power consumption	4 W
Luminous Flux	150 lm	Average CLO power consumption	3.2 W
Correlated Color Temperature (Nom)	6500 K	End CLO power consumption	4 W
Luminous Efficacy (rated) (Nom)	50 lm/W	Inrush current	4.96 A
		Inrush time	100 ms
		Power Consumption	4 W

Emergency Bulkhead

Power Factor (Fraction)	0.4
Connection	2 Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	273
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	Ribbed
Reflector Finish	-
Overall length	351 mm
Overall width	111 mm
Overall height	63 mm
Dimensions (Height x Width x Depth)	63 x 111 x 351 mm
Parts color	All parts colored
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	0.550 kg

Emergency Operation

Emergency flux	175 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Additional max. power consumption when emergency battery is charging	4 W
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration basic version
Emergency function testing method	Manual / Test button
Emergency lighting operation mode	Maintained 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. 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	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

Product Data

Order product name	EM153C SM BKD EXIT SIGN M3 ELB IP65
Full product name	EM153C SM BKD EXIT SIGN M3 ELB IP65
Full product code	871869979895600
Order code	79895600
Material Nr. (12NC)	912401483510
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699798956
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699799939

Emergency Bulkhead

Dimensional drawing

