



Exit Sign

EM159C WL/CM EXIT SIGN M3 ELB UP WH

Exit Sign, Illuminated emergency exit sign, 3 W, 3 W, 313x212mm; H42 mm, 23 lm, 6500 K, IP20, ELB3h

Safety is important for building owners and therefore having proper emergency lighting in place is a major concern for them. The Exit Signs EM155C and EM159C offer an easy solution for standalone emergency lighting, that is fully compliant with European regulations. The lithium battery (LiFePO4) has many advantages over nickel based products, as it has a longer lifetime, better discharge behaviour, is produced in a more welfare friendly way and can be recycled. Legends, recessed mounting kit as well as suspension kit are available as accessories.

Product data

General Information	
Lamp family code	-
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Warranty period	5 years
Light Technical	
Upwards light output ratio	34.8
Luminous Flux	23 lm
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	22 lm/W
Colour rendering index (CRI)	>80
Light source colour	6500
Optic type	-
Luminaire light beam spread	235°

Optic type outdoor	-
Effective projected area	1 m ²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 Hz
Initial CLO power consumption	3 W
Average CLO power consumption	3 W
End CLO power consumption	3 W
Inrush current	4.39 A
Inrush time	100 ms
Power Consumption	3 W
Power Factor (Fraction)	0.35
Connection	2 push-in connectors 3-pole
Cable	-
Number of products on MCB (16 A type B)	228

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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 length	313 mm
Overall width	212 mm
Overall height	42 mm
Dimensions (height x width x depth)	42 x 212 x 313 mm
Parts colour	All parts coloured
Ingress protection code	IP20 [Finger-protected]
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)	0.460 kg

Emergency Operation

Emergency flux	23 lm
Rated duration of the emergency lighting (when fully charged)	3 h
Additional max. power consumption when emergency battery is charging	3 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

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	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	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

Sustainability Data

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

Product Data

Order product name	EM159C WL/CM EXIT SIGN M3 ELB UP WH
Full product name	EM159C WL/CM EXIT SIGN M3 ELB UP WH
Full EOC	871869979905200
Order code	912401483520
Material no. (12 NC)	912401483520
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699799052
Numerator – packs per outer box	10
EAN/UPC – Case	8719514880023

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Dimensional drawing

