PHILIPS

EM159C WL/CM EXIT SIGN M3 ELB UP WH

912401483520



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

Illuminated emergency exit sign, 313x212mm; H42 mm, Polycarbonate, White, Signal white (RAL9003), 23 lm, 3 W, 8 lm/W, 6500 K, 0.33, Clear, UV stabilized Polycarbonate cover, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, 2 Push-in connector 3-pole, Emergency lighting 3 hours duration basic 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
Warranty period	5 years

Light Technical

Upward light output ratio	34.8
Luminous Flux	23 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	8 lm/W
Color rendering index (CRI)	>80
Light source color	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 connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	228
Suitable for random switching	Yes
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	313 mm
Overall width	212 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 212 x 313 mm
Parts color	All parts colored
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	0.520 kg

Emergency Operation

Emergency flux	23 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
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. 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	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

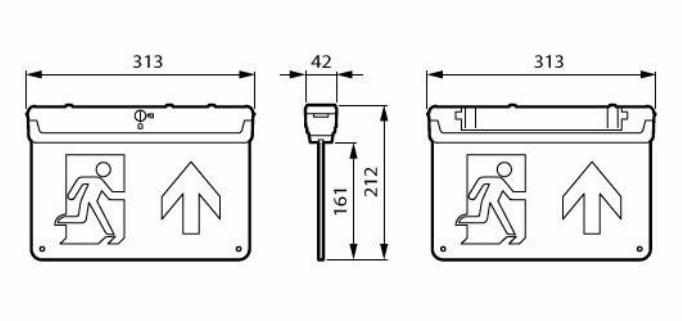
Sustainability Data

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

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 product code	871869979905200
Order code	912401483520
Material Nr. (12NC)	912401483520
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699799052
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514880023

Dimensional drawing



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	912401483521	EM159Z WL/CM EXIT SIGN LEGEND LEFT/RIGHT	Product Website
	912401483522	EM159Z WL/CM EXIT SIGN LEGEND DOWN	Product Website
	912401483523	EM159Z WL/CM RECESSED KIT	Product Website
	912401483524	EM159Z WL/CM SUSPENSION KIT	Product Website

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	EM159C-WL-CM-EXIT-SIGN-UI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	EM159C-ELB-912401483520.zip	Download

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