

Emergency Twin Spot

EM164C SM TWIN SPOT NM3 ELB IP65

LED, 9 W, 120°, Emergency lighting 3 hours duration basic version

Safety is important for building owners, and therefore having proper emergency lighting in place is a major concern for them. The Emergency lighting Twin Spot EM164C offers an easy solution for Non maintained stand-alone 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 behaviors, is produced in a more welfare friendly way and can be recycled.

Product data

General Information	
Lamp family code	-
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Embedded control	-

Light Technical	
Upward light output ratio	3.71
Luminous Flux	1,140 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Luminous Efficacy (rated) (Nom)	135 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Light source color	6500

Optic type	-
Optical cover type	-
Luminaire light beam spread	120°
Optic type outdoor	-

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 Hz
Initial CLO power consumption	9 W
Average CLO power consumption	9 W
End CLO power consumption	9 W
Inrush current	3.95 A
Inrush time	100 ms
Power Consumption	9 W
Power Factor (Fraction)	0.4
Connection	2 Push-in connector 3-pole

Emergency Twin Spot

Cable	-
Number of products on MCB of 16 A type B	189

Temperature

Ambient temperature range	+5 to +45 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	-
Control interface	Internal (no external connection)
Constant light output	No

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	300 mm
Overall width	288 mm
Overall height	69 mm
Effective projected area	16 m²
Dimensions (Height x Width x Depth)	69 x 288 x 300 mm
Parts color	All parts colored

Emergency Operation

Emergency flux	1,140 lm
Power consumption during Central DC emergency mode	9 W
Additional max. power consumption when emergency battery is charging	9 W

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0 m
EU RoHS compliant	Yes

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 at median useful life* 35000 h	82.74 %
Lumen maintenance at median useful life* 50000 h	82.74 %
Lumen maintenance at median useful life* 75000 h	82.74 %
Lumen maintenance at median useful life* 100000 h	82.74 %

Application Conditions

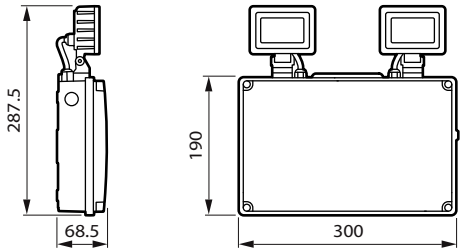
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	EM164C SM TWIN SPOT NM3 ELB IP65
Full product name	EM164C SM TWIN SPOT NM3 ELB IP65
Full product code	871869979898700
Order code	912401483513
Material Nr. (12NC)	912401483513
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.590 kg
EAN/UPC - Product/Case	8718699798987
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699798987

Emergency Twin Spot

Dimensional drawing



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.