



Emergency Twin Spot

EM164C SM TWIN SPOT NM3 ELP IP65

Emergency Twin Spot, 9 W, 9 W, 300x287.5mm; H68.5 mm, 1000 lm, 6500 K, IP65, ELB3h

300x287.5mm; H68.5 mm, Polycarbonate, White, Signal white (RAL9003), 1000 lm, 9 W, 135 lm/W, 6500 K, 0.33, Ribbed, UV-stabilised polycarbonate cover, IP65 | Dust penetration-protected, jet-proof, IK07 | 2 J reinforced, Safety class II, 2 push-in connectors 3-pole, Emergency lighting 3-hours duration basic version

Product data

General Information		Effective projected area	
Lamp family code	-	Effective projected area	16 m ²
Number of gear units	Unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220-240 V
Light source engine type	LED	Line Frequency	50 Hz
Service Tag	No	Initial CLO power consumption	9 W
Warranty period	5 years	Average CLO power consumption	9 W
		End CLO power consumption	9 W
Light Technical		Inrush current	3.95 A
Upwards light output ratio	3.71	Inrush time	100 ms
Luminous Flux	1,000 lm	Power Consumption	9 W
Correlated Colour Temperature (Nom)	6500 K	Power Factor (Fraction)	0.4
Luminous efficacy (rated) (nom.)	135 lm/W	Connection	2 push-in connectors 3-pole
Colour rendering index (CRI)	>80	Cable	-
Light source colour	6500	Number of products on MCB (16 A type B)	189
Optic type	-	Suitable for random switching	Not applicable
Luminaire light beam spread	120°	Protection class IEC	Safety class II
Optic type outdoor	-		

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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	300 mm
Overall width	288 mm
Overall height	69 mm
Dimensions (height x width x depth)	69 x 288 x 300 mm
Parts colour	All parts coloured
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Optical cover type	-
Net Weight (Piece)	1.267 kg

Emergency Operation	
Emergency flux	1,000 lm
Rated duration of the emergency lighting (when fully charged)	3 h
Additional max. power consumption when emergency battery is charging	9 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	EM164C SM TWIN SPOT NM3 ELP IP65
Full product name	EM164C SM TWIN SPOT NM3 ELP IP65
Full EOC	871869979898700
Order code	912401483513
Material no. (12 NC)	912401483513
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699798987
Numerator – packs per outer box	10
EAN/UPC - Case	8718699799960

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Dimensional drawing

