



Emergency Twin Spot

EM164C SM TWIN SPOT NM3 ELB IP65

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

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	-	Correlated Color Temperature (Nom)	6500 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	135 lm/W
Driver included	Yes	Color rendering index (CRI)	80
Light source engine type	LED	Light source color	6500
Embedded control	-	Optic type	-
CE mark	Yes	Optical cover type	-
Warranty period	5 years	Luminaire light beam spread	120°
Flammability mark	-	Optic type outdoor	-
ENEC mark	-	Operating and Electrical	
Glow-wire test	-	Input Voltage	220-240 V
EU RoHS compliant	Yes	Line Frequency	50 Hz
Light Technical		Initial CLO power consumption	9 W
Upward light output ratio	3.71	Average CLO power consumption	9 W
Luminous Flux	1,140 lm	End CLO power consumption	9 W
Standard tilt angle posttop	0°	Inrush current	3.95 A
Standard tilt angle side entry	0°	Inrush time	100 ms
		Power Consumption	9 W

Emergency Twin Spot

Power Factor (Fraction)	0.4
Connection	2 Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	189

Temperature

Ambient temperature range	+5 to +45 °C
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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 RAL 9003
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

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
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0 m

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
EAN/UPC - Product/Case	8718699798987
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699798987

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Dimensional drawing

