



# Emergency Surface Mounted Downlight Wireless

**EM256C SM 7S OA/CO NM3 ELW IP40 WH**

5 W, 235°, Emergency lighting 3 hours duration with Wireless Interface

New wireless emergency surface mounted downlights and monitoring system, enabling building managers to control, monitor and test emergency lighting and produce compliance reports, through a secure cloud-based dashboard.

## Warnings and Safety

- The battery is designed with a rated average battery design life of 50,000 hours in standby mode. The battery is supported with a standard 5year warranty; conditional of the product being maintained and operated in accordance with the manufacturer's guidelines and tested in accordance with EN50272

## Product data

General Information		Sustainability rating	Unclassified
Number of gear units	1 unit	<b>Light Technical</b>	
Driver included	Yes	Luminous Flux	675 lm
Value ladder	Specification	Correlated Color Temperature (Nom)	5000 K
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Luminous Efficacy (rated) (Nom)	110 lm/W
Warranty period	5 years	Color rendering index (CRI)	≥70
		Light source color	750 neutral white
		Optic type	-
		Luminaire light beam spread	235°

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Unified glare rating CEN	Not applicable
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## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 Hz
Inrush current	12.8 A
Inrush time	0.192 ms
Power Consumption	5 W
Power Factor (Fraction)	0.29
Connection	2 Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	53
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	-
Control interface	InterAct office
Constant light output	No
Connectivity	Interact Ready
Photocell	-

## Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	UV stabilized Polycarbonate cover
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Overall length	222 mm
Overall width	171 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 171 x 222 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Mounting	Ceiling Wall
Net Weight (Piece)	0.700 kg

## Emergency Operation

Emergency flux	675 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Additional max. power consumption when emergency battery is charging	5 W
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3 hours duration with Wireless Interface
Emergency function testing method	Programmed automatic self testing via DALI or wireless lighting control system

Emergency lighting operation mode	Non-maintained
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## Approval and Application

Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
EU RoHS compliant	Yes
Diffuser Flammability Class	TP(a) diffuser flammability class
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+5 to +45 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.346, 0.356) SDCM<5
Power consumption tolerance	+/-10%

## 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

## Product Data

Order product name	EM256C SM 7S OA/CO NM3 ELW IP40 WH
Full product name	EM256C SM 7S OA/CO NM3 ELW IP40 WH
Full product code	871951488046700
Order code	912401483625
Material Nr. (12NC)	912401483625
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514880467
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514880283

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## Dimensional drawing

