



Emergency Spot Wireless

EM250B REC 2S OA/CO NM3 ELW WH

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

New wireless emergency lighting spots 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 five-year 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	
Number of gear units	Unit
Driver included	Yes
Value ladder	Specification
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Unclassified

Light Technical	
Luminous Flux	205 lm
Correlated Colour Temperature (Nom)	5000 K
Luminous efficacy (rated) (nom.)	115 lm/W
Colour rendering index (CRI)	≥70
Light source colour	750 neutral white
Optic type	-
Luminaire light beam spread	235°

Sustainability Data	
Product non-virgin material ratio	9.74 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (W) *

Emergency Spot Wireless

	Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO₂eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (W) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 Hz
Inrush current	12.6 A
Inrush time	0.166 ms
Power Consumption	5 W
Power Factor (Fraction)	0.35
Connection	2 push-in connectors 2-pole
Cable	-
Number of products on MCB (16 A type B)	62
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/lens material	UV-stabilised polycarbonate cover
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	620 mm
Overall width	42 mm
Overall height	45 mm
Overall diameter	80 mm
Dimensions (height x width x depth)	45 x 42 x 620 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Mounting	Recessed
Net Weight (Piece)	0.360 kg

Emergency Operation

Emergency flux	205 lm
Rated duration of the emergency lighting (when fully charged)	3 h

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	Maintained Non-maintained

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)	1
Stroboscopic effect	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 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	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	EM250B REC 2S OA/CO NM3 ELW WH
Full product name	EM250B REC 2S OA/CO NM3 ELW WH
Full EOC	871951488043600
Order code	912401483622

Emergency Spot Wireless

Material no. (12 NC)	912401483622	EAN/UPC - Case	8719514880252
Numerator – quantity per pack	1		
EAN/UPC – Product/Case	8719514880436		
Numerator – packs per outer box	20		

Dimensional drawing

