

Emergency Downlight Wireless

EM251B



Stand-alone 3-hour Interact-ready emergency downlights

New wireless emergency downlight portfolio and monitoring system, enabling building managers to control, monitor and test emergency lighting

Benefits

- Achieve compliance through proof testing
- Save time and money on installation and maintenance
- Effortlessly monitor and manage general and/or emergency lighting in one dashboard

Applications

- Exit & emergency
- Offices
- Retail
- Hospitality

Features

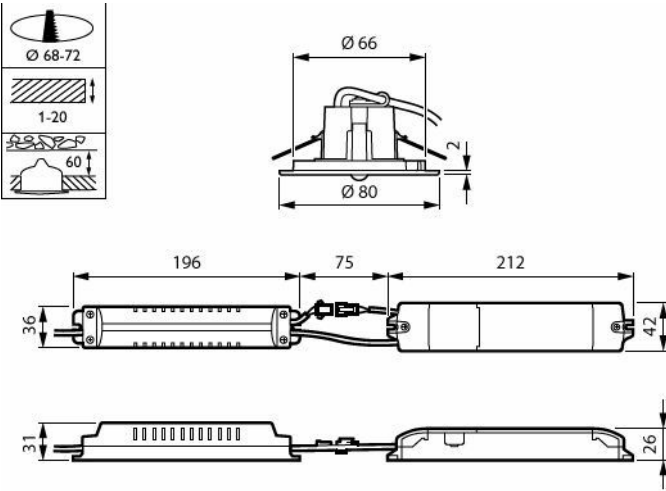
- Emergency wireless downlights and the Interact Building Manager system regulate and offer insights into emergency lighting testing with a secure cloud-based dashboard
- Allows building managers to maintain emergency lighting, automate testing and ensure regulatory compliance
- Having general and emergency lighting under one dashboard enables cost savings and efficient maintenance and monitoring of an entire lighting system
- 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

Versions

Emergency Spot Wireless, all parts



Dimensional drawing



EM251B REC 4S OA/CO NM3 ELW WH

Product details



Emergency Spot Wireless, front view



Emergency Spot Wireless, exploded view

General Information	
Number of gear units	Unit
Driver included	Yes
Service Tag	No

Light Technical

Luminous Flux	400 lm
Correlated Colour Temperature (Nom)	5000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	≥70
Optic type	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 Hz
Power Consumption	4 W
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Colour	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Explosion hazard class	-

Emergency Operation

Emergency flux	400 lm
Power consumption during Central DC emergency mode	3.6 W
Rated duration of the emergency lighting (when fully charged)	3 h
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3 hours duration with Wireless Interface

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	0 to +55 °C

Initial Performance (IEC Compliant)

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