

High Lumen Recessed Emergency Downlight

MG-REDL02

Description

The recessed emergency downlight is ICEL endorsed and fully compliant with current applicable standards. With various lens and output options and an optional self test feature along with a 5 year warranty which includes the battery it is ideal for most applications

Environment

Indoor

Installation

Designed to be recessed mounted

Application

For use in commercial and retail.



5YR Warranty	 IP20 Protection	3hrs Emergency
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General Data

Voltage	AC220-240V 50-60Hz
Emergency	3 hours
Light Source	LED
CCT	6000K
Charging time	<24 hours
Battery	Li-ion battery
Operating Temperature	5°C - 40°C
Maximum Case Temperature	65°C
Testing	Self test optional
Compliance	EN61347-1, EN61347-2-7, ENEC Certified EN61347-2-13, EN62034, ICEL Endorsed

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Product Variants

Product Code	Lumens (lm)	Lens	Testing	Cut out mm
MG-REDL02	270	45° Spot	M	50
MG-REDL02S	270	45° Spot	ST	50
MG-REDL02-O	270	155° Open area	M	50
MG-REDL02S-O	270	155° Open area	ST	50
MG-REDL02H	270	125° High level	M	50
MG-REDL02S-H	270	125° High level	ST	50

Self Test

Automatically tests every week (+/- 6hrs at random) First full duration test is carried out automatically within the first 4 weeks after the luminaire has been connected to the mains voltage. Each year the capacity of the battery is measured by simulating a power failure in addition to the functional test. Complies with EN62034.

Status is indicated via a bi-colour LED as follows:

Healthy:	Solid Green	Battery Fault:	Solid Red
Charging:	Slow Flashing Green (1/s)	Lamp Fault:	Slow Flashing Red
Test in Progress:	Fast Flashing Green (2/s)	Battery Temperature:	Red Green

REM10 Remote Control

Whether the self test function is disable or enabled the remote control adds extra functions to the luminaire.

1. Press TEST to carry out a “Functional Test”
2. Press MT ON to initiate a “Full Duration Test”
3. Press MT OFF to interrupt “Full Duration Test”
4. Press BAT CHK to check battery status
5. Press AST ON to enable self test function
6. Press AST OFF to disable self test function
7. Press AST CHK to check status of self test function (enabled/disabled)



*Note: when the “Full Duration Test” is completed the batteries require up to 8 hours to be re-charged again.

**Note: the battery status is recorded and updated after full duration test is completed.

