Round-LED IP65 - obsolete

The Round-LED range provides both mains and emergency lighting from a well designed luminaire with a white polycarbonate base and opal polycarbonate diffuser, sealed to IP65, making it suitable for both interior and external applications. The luminaire has a unique lever to release the diffuser which can be secured with the supplied locking screw to increase tamper/vandal resistance. Internally, the removable steel geartray has 54 white high output long life LEDs mounted upon it reveals access to the control gear and terminal blocks.

The Round-LED range supports all the features of the LuxIntelligent range of emergency lighting test panels and also fully complies with the requirements of EN60598.2.22. It also meets with the current Part L energy targets offering over 60 lumens per Watt.

Operation

The luminaire can be supplied in both mains only or maintained emergency versions (non-maintained can be achieved by excluding the normal switched mains live supply). Both versions can be supplied with dimming control as well microwave presence detectors. All emergency versions provide 3 hour duration from the integral high temperature (NiMH) batteries. Maintained versions can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a complete loss of local mains supply.

Installation

The luminaire has 20mm drilling points on the base for cable entry.



Features

- Versatile circular LED luminaire
- Long life LEDs (50,000 hours)
- Fully LuxIntelligent compatible
- Low power consumption
- Standard and emergency versions available
- IP65 luminaire
- Fully complies with all aspects of EN60598.2.22

Specification

Light Source	54 x white LEDs (2200lm)
Colour temperature	4500K
Construction	White polycarbonate base & opal polycarbonate diffuser
Geartray	Hinged white painted steel fixed via 3 screws
Dimensions	330mm (Dia) x 126mm (H)
Cable entry	20mm drilling points
Light output	1410 Lumens (mains) 350 Lumens (emergency)
IP rating	IP65
Ambient temperature	25°C
Insulation class	Class II
Supply voltage	230V ~ 50Hz
Supply power	13w (mains) 17w (emergency)
Battery	1 x 6.0V 2.0Ah (NiCd)
Weight	2.8kg (mains) 3.4kg (emergency)

Order Codes

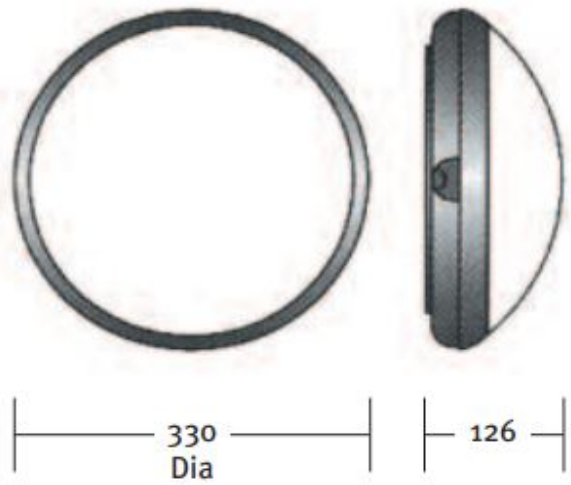
Order Codes and Options

RNLED/AC	Round-LED IP65 Luminaire, Surface Mount, Mains Only, Non-Addressable - 0.33M Diameter
RNLED/AC/DALI	Round-LED IP65 Luminaire, Surface Mount, Mains Only, Non-Addressable - 0.33M Diameter (with DALI Driver)
RNLED/AC/MW	Round-LED IP65 Luminaire, Surface Mount, Mains Only, Non-Addressable - 0.33M Diameter (with Microwave Detector)
RNLED/M3/P	Round-LED IP65 Luminaire, Surface Mount, Maintained, Addressable - 0.33M Diameter
RNLED/M3/P/DALI	Round-LED IP65 Luminaire, Surface Mount, Maintained, Addressable - 0.33M Diameter (with DALI Driver)
RNLED/M3/P/MW	Round-LED IP65 Luminaire, Surface Mount, Maintained, Addressable - 0.33M Diameter (with Microwave Detector)

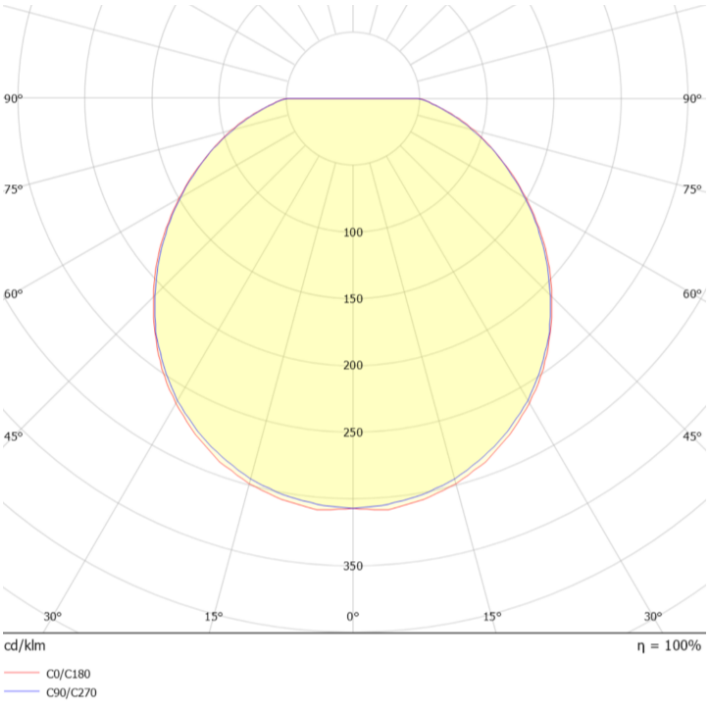
Spacing Data

Mounting Height (M)	Spacing (M) Min. 0.5 Lux Open Area	Spacing (M) Min. 1 Lux Escape
2.0	10.7	7.7
2.5	11.6	7.9
3.0	12.5	8.1
4.0	12.5	8.4

Dimensions



Light Output Curve



Advanced, The Bridges, Balliol Business Park, Newcastle, NE12 8EW, UK T: +44 (0)1670 707 111 E: enquiries@luxintelligent.com W: www.luxintelligent.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.