Circu-LED - obsolete

The Circu-LED offers a decorative surface-mounted circular luminaire, incorporating high-output white LEDs providing ultra-long life and low power consumption. The LED luminaires use an aluminium base (white as standard) and a twist on fire-retardant PMMA diffuser. The luminaire has a huge 1920 lumens output and is not prone to the issues often prevalent in the 28W T5 counterpart fittings. This makes it an ideal replacement for such areas as stairwells, where building owners may wish to use motion detectors to cut down on unnecessary lighting for areas not permanently occupied.

The Circu-LED luminaire 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.

Operation

The range can be supplied as mains-only or maintained emergency versions. Both versions are available with 1-10V dimming control as an option. All emergency versions provides 3-hour duration from integral high-temperature nickel cadmium batteries. Maintained versions can be used for standard switched mains lighting but will automatically provide emergency power in the event of loss of the local mains supply.

Installation

The luminaire has a 20mm entry at the centre of the back plate of the aluminium base.



Features

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

Specification

Light Source	White LEDs (2800lm)
Colour temperature	4500K
Light output	1920 lumens (mains) 410 lumens (emergency)
Construction	White aluminium base with twist-on PMMA diffuser
Geartray	Integral to base
Dimensions	395mm (dia) x 113mm (H)
Cable entry	20mm hole (centre of back plate)
IP rating	IP20
Ambient temperature	25°C
Insulation class	Class I
Supply voltage	230V ~ 50Hz
Supply power	22.7W (mains) 26.1W (emergency)
Charge power (typical)	3.5W (emergency)
Battery	1 x 6.0V 2.0Ah NiCd
Weight	1.3kg (mains) 3.4kg (emergency)

Order Codes and Options

ULED/M3/P	Circu-LED Luminaire, Surface Mount, Maintained, Addressable - 0.40M Diameter
ULED/230	Circu-LED Luminaire, Surface Mount, Mains Only, Non-Addressable - 0.40M Diameter
ULED/M3/P/MW	Circu-LED Luminaire, Surface Mount, Maintained, Addressable - 0.40M Diameter (with Microwave Detector)

More Information

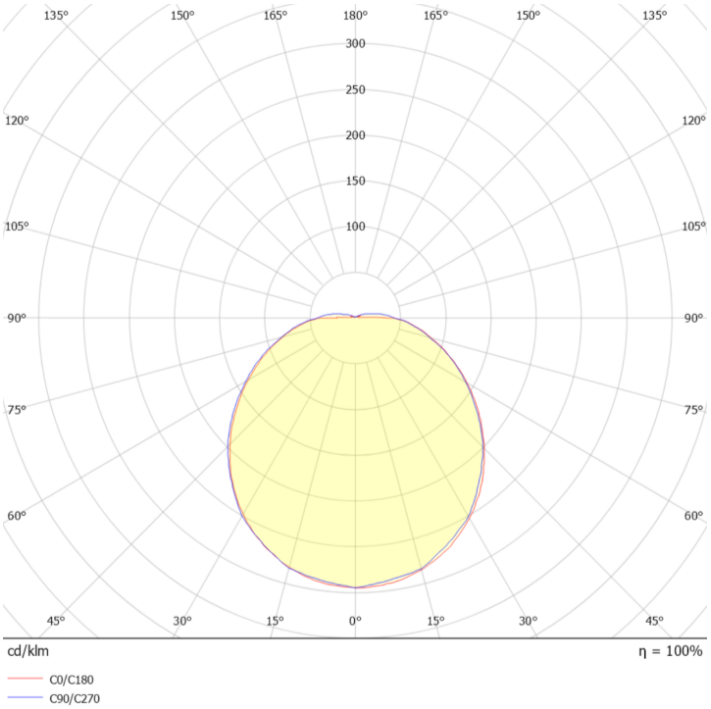
Spacing Data

	Mounting Height (m)	Fitting to Wall	Fitting to Fitting
1 Lux min at centre	2.5	4.2	10.7
	4.0	4.8	12.5
0.5 Lux min (open area)	2.5	5.2	11.6
	4.0	5.4	13.0

Finishes



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.