Amenity-LED Round - obsolete

The Amenity-LED Round luminaire provides an attractive but robust solution for providing lighting to walkways, tunnels, storage areas, car parks and are fully compatible with both existing and new LuxIntelligent systems.

The enclosure is sealed to IP65 and houses a geartray with HF electronic driver and multi-circuit LED board. The Polycarbonate lens and halo-effect side band provide excellent photometric performance (1250 luminaire lumens).

The robust Cast Aluminium and Polycarbonate enclosure is vandal resistant and provides protection to IP65. Suitable for ambient temperatures of up to 35°C (25°C for emergency versions) the units are ideal for interior and exterior environments.

Operation

The Amenity-LED Round luminaires are available with mains only or maintained emergency operation. All emergency versions provide 3-hour duration from integral high temperature nickel cadmium (NiCd) 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 normal mains supply. (Non-maintained operation is available by excluding a switched live supply).

The benefits of the modern white low power LEDs include long life (typically 50,000hours+), excellent energy efficiency (>100lm/W), low operating temperatures therefore improving the life of the internal batteries, and good operation at low ambient temperatures.

These luminaires incorporate high quality mains drivers and separate state-of-the-art emergency gear, and they fully comply to the requirements of EN60598.2.22



Features

- Decorative square LED luminaire
- Fully addressable and compatible with LuxIntelligent systems
- IP65 rating
- Robust cast aluminium construction
- Long-life LEDs (50,000+ hours)
- Low power consumption
- Fully complies with all aspects of EN60598.2.22
- 1250lm under mains operation
- 235lm under emergency operation

Options & Order Codes

AMLED/230/RN	Amenity-LED IP65 Circular Luminaire, Surface Mount, Mains Only, Non-Addressable
AMLED/M3/P/RN	Amenity-LED IP65 Circular Luminaire, Surface Mount, Maintained, Addressable
AMLED/230/SQ*	Amenity-LED IP65 Square Luminaire, Surface Mount, Mains Only, Non-Addressable
AMLED/M3/P/SQ*	Amenity-LED IP65 Square Luminaire, Surface Mount, Maintained, Addressable

**refer to Amenity-LED Square datasheet for more information*

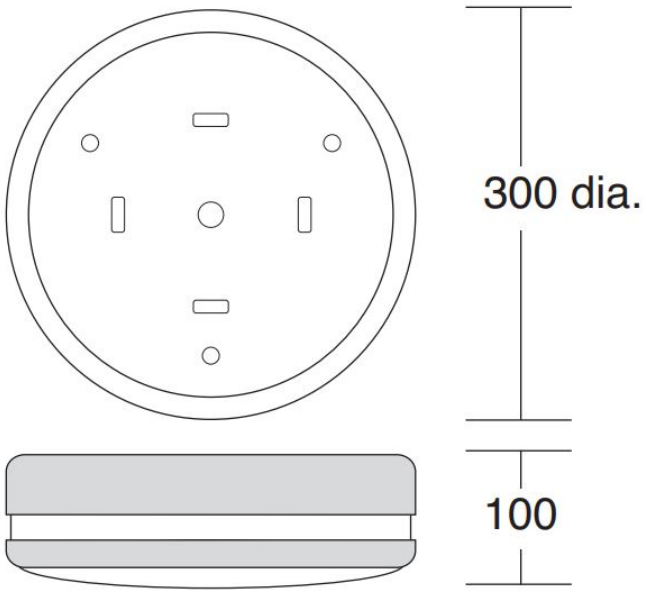
General Details & Specification

Product	Amenity-LED Round
Luminaire LED lumens	2000lm
Construction	Cast aluminium body with polycarbonate opal lens
Geartray	White PCB fixed via 2 screws
Dimensions	300mm (diameter) x 100mm (H) / 20mm cable entry in rear
Light source	Surface mounted white LEDs (2000 lumens) - 4000K
Luminaire lumens (mains)	1250lm (1175lm with tri-guard)
Luminaire lumens (emergency)	235lm (200lm with tri-guard)
IP rating	IP65
Ambient temperature (Ta) / insulation class	25°C / Class I
Supply voltage	230V ~ 50Hz
Supply power / charge power	19.2W / 3.5W (16.4W mains only)
Battery	1 x 6.0V 2.0Ah NiCd
Weight	Approx. 3.5kg (2.8kg mains only)

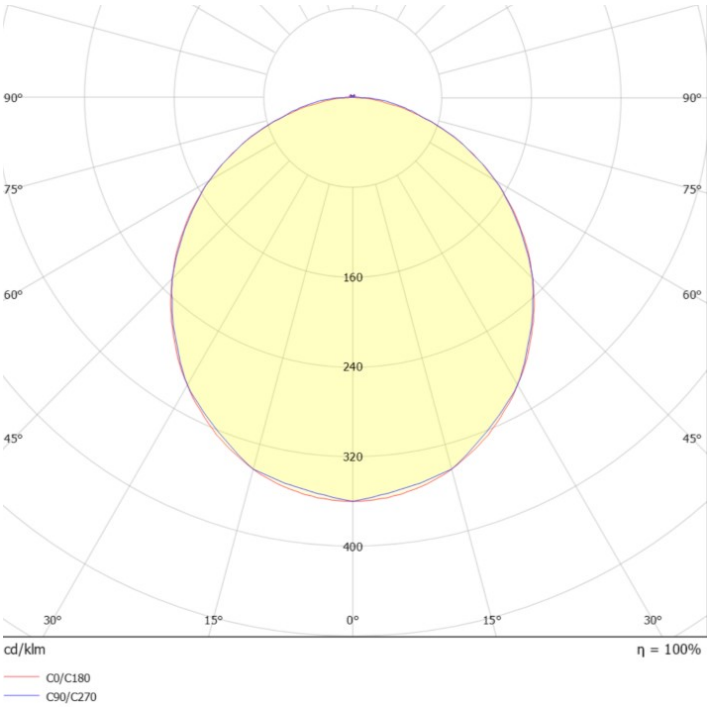
Spacing Data

Mounting height (Hm (m))	Spacing (m) min 0.5Lux open area	Spacing (m) min 1Lux escape
2.0	10.7	7.5
2.5	11.3	7.6
3.0	12.3	7.8
4.0	12.5	8.2

Dimensions (mm)



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.