

IP65 LED Amenity Luminaires

LED Amenity Square

PERFORMANCE EQUIVALENT TO 28W 2D

The **LED Amenity Square** luminaire provides an attractive but robust solution for providing lighting to walkways, tunnels, storage areas, car parks etc. 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 & 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 **LED Amenity Square** 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.

The luminaires fully comply to the requirements of EN60598.2.22

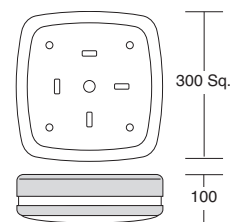


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GENERAL DETAILS

Product	LED Amenity Luminaire
Light source	Multi-circuit LEDs (2000lm)
Luminaire Lumens	1250lm
Construction	Cast Aluminium body with Polycarbonate opal lens
Geartray	White PCB fixed by 2 screws
Dimensions	300mm (sq.) x 100mm (H)
Cable entry	20mm holes in back



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SPECIFICATION

	Maintained	Mains only
Light source	Surface mounted white LEDs (2000lm)	
Colour temperature	4500K	
Luminaire lumens (mains)	1250lm	1250lm
Lumens (emergency)	200lm	—
IP rating	IP65	
Ambient temperature (Ta)	25°C	
Insulation class	Class I	
Supply voltage	230V ~ 50Hz	
Supply power	20.8W	18W
Charge power (typical)	3.5W	—
Battery	1 x 6.0V 2.0Ah NiCd	—
Weight	3.6kg	2.8kg

LED AMENITY SQUARE — Emergency Lighting Spacings

Mounting height Hm (m)	LEDs	
	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



ORDER CODES

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Description

Maintained emergency
Mains only