

5100 WEATHERPROOF ROUND 2D LUMINAIRE (SELF CONTAINED)

APPLICATIONS

The 5100 Weatherproof Round 2D Luminaire (Self Contained) is a modern round profile luminaire rated IP65 and is suitable for many internal and external emergency lighting applications. It is particularly suited for emergency escape routes in hotels, restaurants, hospitals, schools and commercial premises as well as exterior public areas.



FEATURES

- IP Rated 65
- Tough Prismatic Diffuser
- Modern Body Styling
- Sturdy Round Profile
- Hinged Gear Tray Assembly for Simple Installation
- Fire Retardant Housing
- Thermal Battery Compartment
- Fittings Supplied with 2D Tube
- High Light Transmission Diffuser
- Low Power Consumption
- 4Ah Nickel Cadmium Battery
- Weatherproof
- 3 Hour Emergency Luminaire
- Designed to Comply with ICEL and British Standards

OPERATION

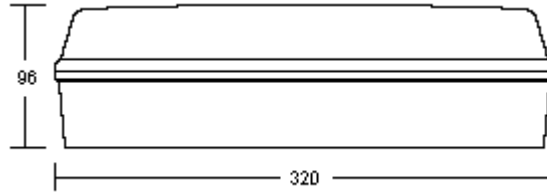
The 5100 Weatherproof Round 2D Luminaire (Self Contained) is available in 16 watt and 28 watt 2D Tube versions. Dual Circuit Technology makes the unit suitable for both maintained and non-maintained applications. In the event of a mains failure, emergency illumination is provided for 3 hours via a Sealed 4Ah Nickel Cadmium Battery. The battery is continually charged so the luminaire can provide full rated duration at any time. The full recharge time for the luminaire is 24 hours, with 14 hours required for 1 hour duration. Slave and Mains versions of the luminaire are also available (Ref 5101).

A high quality Prismatic Diffuser comes as standard. The unit is assembled using a hinged gear tray which allows for easy installation and maintenance. The 5100 consists of a thermal battery compartment which prevents damage to the battery caused by the heat generated from the light. The modern aesthetically pleasing design of the 5100 consists of a white fire retardant base, which make it suitable for mounting on emergency escape routes as defined by BS 60598-2-22 1999.

The 5100 is suitable for both wall and ceiling mounting and the use of a 2D in the unit allows for high light output and low power consumption.

There is a wide range of ancillary devices and related products which supplements this emergency lighting luminaire range.

APPROVALS : Designed to conform to ICEL 1001: 1999 and BS EN 60598-2-22 1999



The table below shows the maximum spacing of **5100 28 watt** which should be utilized to ensure the specified illuminance is met.

Model	Mounting Height (m)	Minimum 0.2 lux		Minimum 0.5 lux		Minimum 1.0 lux	
M	2.5	3.9	10.0	2.8	7.3	1.9	5.5
	4.0	4.3	11.5	2.5	7.7	n/a	4.9
	6.0	3.9	12.2	n/a	6.6	n/a	n/a
NM	2.5	4.4	11.1	3.1	8.1	2.1	6.1
	4.0	4.8	12.8	2.8	8.6	n/a	5.5
	6.0	4.4	13.6	n/a	7.4	n/a	n/a

SPECIFICATION

	28 Watt M	28 Watt NM	16 Watt M	16 Watt NM
Order Code	5100/28M	5100/28NM	5100/16M	5100/16NM
Input Voltage	230 Volt AC +/- 10% 50Hz			
Power Rating	30VA	12VA	30VA	12VA
Light Source	28 Watt 2D		16 Watt 2D	
Light Output	205 Lumens		136 Lumens	
Emergency Duration	3 Hours			
Battery Type	3.6 Volt 4 Ah Nickel Cadmium			
Charger	250mA with Green LED Indicator			
Recharge Time	24 Hours (14 Hours for 1 Hour Duration)			
Dimensions	320 x 96			
Weight (Kg)	2.1	2.0	2.1	2.0