

5080 INTERIOR ROUND 2D LUMINAIRE (SELF CONTAINED)

APPLICATIONS

The 5080 Interior Round 2D Luminaire (Self Contained) is a modern round profile luminaire and is suitable for many internal emergency lighting applications. It is particularly suited for emergency escape routes in hotels, restaurants, hospitals, schools and commercial premises as the attractive fitting will blend in with most modern décor.



FEATURES

- Tough Opal Diffuser
- Prismatic Diffuser also available
- Modern Body Styling
- Aesthetically Pleasing
- Easy Installation
- Reliable
- Fire Retardant Housing
- Suitable for Wall or Ceiling Mounting
- Fittings Supplied with 2D Tube
- High Light Transmission Diffuser
- Low Power Consumption
- Integral Diffuser Mounting Clips
- 4Ah Nickel Cadmium Battery
- 3 Hour Emergency Luminaire
- Designed to Comply with ICEL and British Standards

OPERATION

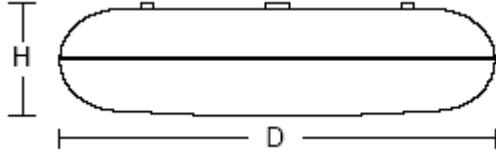
The 5080 Interior Round 2D Luminaire (Self Contained) is available in 16 watt and 28 watt 2D Tube versions as maintained or non-maintained models. In the event of a mains failure, emergency illumination is provided for 3 hours via a Sealed 4Ah Nickel Cadmium Battery. The battery is continually charged 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 5081*).

A tough Opal Diffuser comes as standard, which is securely fastened to the luminaire via built-in integral 'clip on' catches. A Prismatic Diffuser option is also available as an alternative. The modern aesthetically pleasing design of the 5080 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 5080 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.



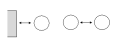

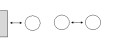

There is a wide range of ancillary devices and related products which supplements this emergency lighting luminaire range.

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



Product Code	Height (H)	Diameter (D)
5080/28M, 5080/28NM, 5080/16M	111	360
5080/16NM	93	270

The table below shows the maximum spacing of **5080 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	5080/28M	5080/28NM	5080/16M	5080/16NM
Input Voltage	230 Volt AC +/- 10% 50Hz			
Power Rating	30VA	12VA	30AV	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	111 x 360			93 x 270
Weight (Kg)	3.0	2.1	2.5	1.6

Optional Extras:-
 Opal Diffuser add suffix /O to the Order Code
 Prismatic Diffuser add suffix /P to the Order Code