

5050 METAL BODY INTERIOR LUMINAIRE SEMI-RECESSED (SELF CONTAINED)**APPLICATIONS**

The 5050 Metal Body Interior Luminaire Semi-Recessed (Self Contained) is a sturdy general purpose luminaire and is suitable for many internal emergency lighting applications. It is ideal for final exits and emergency escape routes in hotels, restaurants, hospitals, schools and commercial premises.

**FEATURES**

- Opal Formed Diffuser
- Attractive Fitting
- Easy installation
- Reliable
- Non-Recessed and Fully Recessed versions are available
- Legends Kit available
- Self-Test version available
- 4Ah Nickel Cadmium Battery
- Choice of Body Finishes
- 3 Hour Emergency Luminaire
- Designed to Comply with ICEL and British Standards

OPERATION

The 5050 Metal Body Interior Luminaire Semi-Recessed (Self Contained) is illuminated by an 8 watt fluorescent lamp in both maintained and non-maintained versions. 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. A slave version of the luminaire is also available (*Ref 5051*).

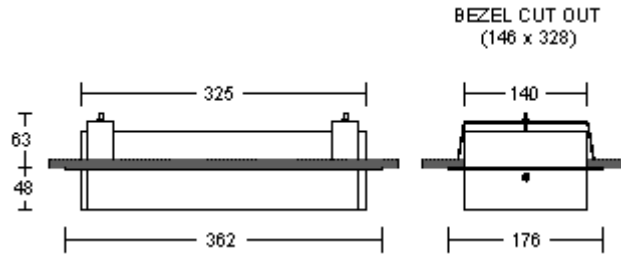
A strong Opal formed Diffuser comes as standard. Optional Brass and Chrome base finishes provide luminaires suitable for any high décor areas.

A compatible self-adhesive Legends Kit (*Ref 5298/1*) can be supplied to help create inexpensive fire safety signs.

A 'self-test' version of the 5050 can be fitted, which comprises of an integral automatic test module to provide automatic testing of the fitting at set intervals. If a fault is discovered the luminaire will provide a visual and audible alarm.

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 luminaires 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	3.0	8.1	6.4	2.4	1.4	4.4	4.4	1.4	1.1	4.0	3.2	n/a
	4.0	3.2	8.4	7.3	2.2	1.0	4.0	4.0	1.0	n/a	2.8	n/a	n/a
	6.0	6.1	8.5	7.2	2.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
NM	2.5	3.4	9.0	7.2	2.7	1.6	4.9	4.9	1.6	1.3	4.5	3.6	n/a
	4.0	3.6	9.4	8.1	2.5	1.1	4.5	4.5	1.1	n/a	3.1	n/a	n/a
	6.0	2.8	9.5	8.1	2.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

SPECIFICATION

	Maintained	Non-Maintained
Order Code	5050/8M	5050/8NM
Input Voltage	230 Volt AC +/- 10% 50Hz	
Power Rating	12VA	8VA
Light Source	1 x 8 watt 300mm Coolwhite Fluorescent Tube	
Light Output	105 Lumens	
Emergency Duration	3 Hours	
Battery Type	2.4 Volt 4 Ah Nickel Cadmium	
Charger	250mA with Green LED Indicator	
Recharge Time	24 Hours (14 Hours for 1 Hour Duration)	
Dimensions	362 x 176 x 111	
Weight (Kg)	2.3	2.1

Optional Extras:-

- 5298/1 Self-Adhesive Deluxe Legend Kit
- White Finish add suffix /W to the Order Code
- Brass Finish add suffix /B to the Order Code
- Chrome Finish add suffix /C to the Order Code
- Self Test add suffix /ST to the Order Code