

## 5070 GENERAL PURPOSE INTERIOR LUMINAIRE (SELF CONTAINED)

### APPLICATIONS

The 5070 General Purpose Interior Luminaire (Self Contained) is a multi purpose low profile 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 as the attractive fitting will blend in with most modern décor.



### FEATURES

- Tough Prismatic Diffuser
- Opal Diffuser also available
- Attractive Fitting
- Easy Installation
- Reliable
- UV Stabilised Body Moulding
- Cable Entries Moulded into Body
- Legends Kit available
- Self-Test version available
- 4Ah Nickel Cadmium Battery
- 3 Hour Emergency Luminaire
- Designed to Comply with ICEL and British Standards

### OPERATION

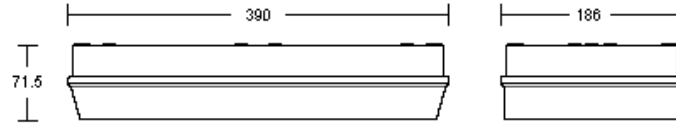
The 5070 General Purpose Interior Luminaire (Self Contained) is illuminated by an 8 watt fluorescent lamp in both maintained and non-maintained versions. In the event of a mains failure, emergency illumination is provided for 3 hours via a Sealed 4Ah Nickel Cadmium Battery. The battery is continually 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 5071*).

A tough Prismatic Diffuser comes as standard, with an Opal Diffuser available as an alternative. The 5070 is manufactured using UV stabilised body moulding, which resists damage to the unit caused by sunlight, allowing the luminaire to maintain integrity over time. A compatible Legends Kit (*Ref 5298/2*) can be supplied to help create inexpensive fire safety signs by fitting a legend panel to the front face of the diffuser.

A 'self-test' version of the 5070 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	5.6	13.0	7.2	1.8	4.6	11.3	5.9	2.3	2.7	8.3	4.9	1.8
	4.0	7.4	17.1	8.8	1.3	4.0	11.3	6.2	2.0	2.0	7.8	3.9	1.3
	6.0	6.9	19.8	9.0	n/a	n/a	9.6	4.1	n/a	n/a	n/a	n/a	n/a
NM	2.5	6.2	14.4	8.0	2.0	5.1	12.5	6.5	2.6	3.0	9.2	5.4	2.0
	4.0	8.2	19.0	9.8	1.4	4.4	12.6	6.9	2.2	2.2	8.7	4.3	1.4
	6.0	6.5	22.0	10.0	n/a	n/a	10.7	4.6	n/a	n/a	n/a	n/a	n/a

**SPECIFICATION**

	Maintained	Non-Maintained
<b>Order Code</b>	5070/8M	5070/8NM
<b>Input Voltage</b>	230 Volt AC +/- 10% 50Hz	
<b>Power Rating</b>	12VA	8VA
<b>Light Source</b>	1 x 8 watt 300mm Coolwhite Fluorescent Tube	
<b>Light Output</b>	105 Lumens	
<b>Emergency Duration</b>	3 Hours	
<b>Battery Type</b>	2.4 Volt 4 Ah Nickel Cadmium	
<b>Charger</b>	250mA with Green LED Indicator	
<b>Recharge Time</b>	24 Hours (14 Hours for 1 Hour Duration )	
<b>Dimensions</b>	390 x 186 x 72	
<b>Weight (Kg)</b>	1.8	1.5

**Optional Extras:-**

- 5298/2 Self-Adhesive Deluxe Legend Kit
- Opal Diffuser add suffix /O to the Order Code
- Prismatic Diffuser add suffix /P to the Order Code
- Self Test add suffix /ST to the Order Code