

## 5020 DIE-CAST ALUMINIUM EMERGENCY BULKHEAD (SELF CONTAINED)

### APPLICATIONS

The 5020 Die-Cast Aluminium Emergency Bulkhead (Self Contained) is rated IP65 and is therefore suitable for most internal and external emergency lighting applications. It can be used for final exits and emergency escape routes in hotels, restaurants, hospitals, schools and commercial premises. It is ideal for use for exterior public areas prone to extreme environmental conditions.



### OPERATION

The 5020 Die-Cast Aluminium Emergency Bulkhead (Self Contained) is illuminated by an 8 watt fluorescent tube. 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 that the luminaire can provide full rated duration at any time. The full recharge time for the bulkhead is 24 hours, with 14 hours required for 1 hour duration. A slave version of the bulkhead is also available (*Ref 5021*). Dual Circuit Technology makes the unit suitable for both maintained and non-maintained applications.

The 5020 consists of a heavy duty Die-Cast Aluminium body moulding, the fitting is IP65 rated. A tough Fresnel Prismatic Diffuser comes as standard, with an Opal Diffuser available as an alternative. The Diffuser is retained to the base with Anti-Tamper screws and for additional security a protection cage can be used (*Ref 5299/1*).

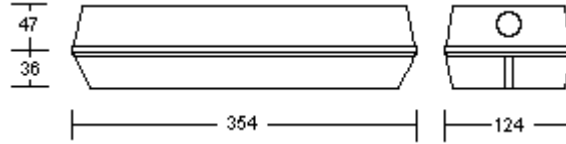
A 'self-test' version of the 5020 can be fitted, which comprises of an integral automatic test module to provide automatic testing of the fitting at set intervals. If a fault is discovered the luminaire will provide a visual and audible alarm.

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

### FEATURES

- IP65 Rated
- Strong Prismatic Diffuser
- Opal Diffuser also available
- Attractive Fitting
- 'Snap Shut' hinged gear tray for easy installation
- Reliable
- Recess Bezel available
- Self-Test Version available
- Protection Cage available
- Legends Kit available
- 4Ah Nickel Cadmium Battery
- Weatherproof
- 3 Hour Emergency Luminaire
- Designed to Comply with ICEL and British Standards

**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				
		Diagram 1	Diagram 2	Diagram 3	Diagram 4	Diagram 5	Diagram 6	Diagram 7	Diagram 8	Diagram 9	Diagram 10	Diagram 11	Diagram 12	Diagram 13	Diagram 14	Diagram 15
M	2.5	3.4	9.0	7.2	8.1	2.7	1.6	5.0	5.0	1.6	1.4	4.5	3.6	4.1	0.9	
	4.0	3.6	9.5	8.1	8.7	2.5	1.2	4.5	4.5	1.2	n/a	3.2	n/a	3.2	n/a	
	6.0	2.8	9.5	8.1	8.8	2.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
NM	2.5	3.8	10.0	8.0	9.0	3.0	1.8	5.5	5.5	1.8	1.5	5.0	4.0	4.5	1.0	
	4.0	4.0	10.5	9.0	9.7	2.8	1.3	5.0	5.0	1.3	n/a	3.5	n/a	3.6	n/a	
	6.0	3.1	10.6	9.0	9.8	2.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

**SPECIFICATION**

	Maintained	Non-Maintained
<b>Order Code</b>	5020/8M	5020/8NM
<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>	354 x 124 x 83	
<b>Weight (Kg)</b>	1.9	1.7

**Ancillaries:-**

- 5295/1 Semi-Recessing Kit
- 5298/1 Self-Adhesive Deluxe Legend Kit
- 5299/1 Universal Protection Cage
- Prismatic Diffuser add suffix /P to the Order Code
- Opal Diffuser add suffix /O to the Order Code
- Self Test Version add suffix /ST to the Order Code