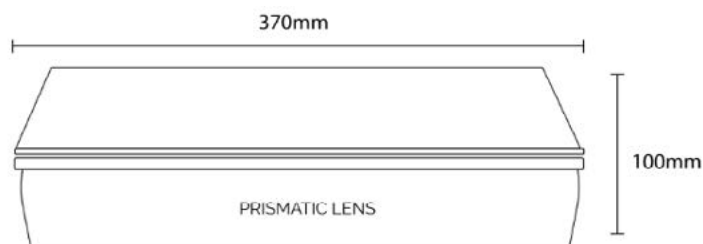


## Technical Specifications Summary



- IP66 Ingress Protection
- Standard and DALI Self-Test Options Available
- 1316 Lumen in Mains Operation
- 925 Lumen in Emergency Operation (Basic)
- 1001 Lumen in Emergency Operation (DALI-2)
- Prismatic Diffuser
- 3rd Party Photometrically Tested
- Extra Long Life LiFePO4 Batteries
- Designed Specifically for Higher Ceilings
- Protection Rating of IK10

The Emmerson series is a high quality emergency LED bulkhead which is designed for interior and exterior applications.

The high output LED strip provides 1316 lumen in mains operation and 925 lumen in emergency operation after the diffuser.

### Spacing Tables

Open Area. Fittings arranged axially or transversely on square grid to light area to 0.5lux minimum (apart from 0.5m at edge)

Ceiling Height (m)	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
Spacing to Wall (m)	5.5	6.2	7.0	7.4	7.8	8.3	8.3	8.3	8.1
Grid Spacing (m)	14.7	17.1	19.4	21.2	22.8	24.0	25.5	26.9	27.7

Escape route. Fittings arranged axially along corridor to light floor to 1.0lux minimum (apart from 0.5m at edge)

Ceiling Height (m)	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
Spacing to Wall (m)	4.7	5.7	6.5	7.0	7.0	7.0	6.0	5.2	4.2
Spacing along Corridor (m)	13.5	15.0	16.5	17.5	19.0	19.5	20.5	20.0	19.0
Max Corridor Width (m)	4.0	4.0	4.0	6.0	6.0	6.0	7.0	8.0	8.0

### Technical Details

<b>Input Voltage</b>	230-240 Volts 50/60Hz	<b>Mains Output</b>	1316 Lumen
<b>Power Rating Non-Maintained<sup>1</sup></b>	1.3W 13mA $\lambda = 0.43$	<b>Emergency Output</b>	925/1001 Lumen
<b>Power Rating Maintained</b>	13.2W 68mA $\lambda = 0.81$	<b>Recharge Time</b>	24 Hours
<b>Emergency Duration</b>	3 Hours	<b>Battery Type</b>	6.4V 4.8Ah LiFePO4
<b>Light Source</b>	V-S LED Strip and Lens	<b>Mains Cable Terminal</b>	0.5mm x 2.5mm Cable
<b>Beam Angle</b>	60° x 55°	<b>Protection Rating</b>	IP66 & IK10
<b>CCT</b>	4000K	<b>Dimensions</b>	370mm x 140mm x 100mm
<b>Ambient Temperature</b>	5°C to 35°C	<b>Weight</b>	1.3kg

<sup>1</sup> Following its initial Charge the Emmerson Series will spend 90% of its operational life in standby mode

CODE	DESCRIPTION
<b>EMM-5-NM-T1</b>	NON-MAINTAINED
<b>EMM-8-M-T1</b>	MAINTAINED, 5W EMERGENCY MODE
<b>EMM-6-NM-T3</b>	NON-MAINTAINED, DALI, SELF TEST
<b>EMM-8-M-T3</b>	MAINTAINED, DALI, SELF TEST, 6W EMERGENCY MODE

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