



E&E LIGHTING  
AUSTRALIA

# PRODUCT CODE: EMOYSTERL

## EMERGENCY LED OYSTER LUMINAIRE

### PRODUCT INFORMATION

| PRODUCT CODE | DESCRIPTION  |
|--------------|--|
| EMOYSTERL    | 20W LED Emergency Oyster Luminaire                       |
| EMOYSTERLS   | 20W LED Emergency Oyster Luminaire with Microwave Sensor |

### ORDERING INFORMATION

|                   |                            |
|-------------------|----------------------------|
| Carton Qty        | 6 pieces                   |
| Weight            | 1.6kg (unit) - 9.6kg (box) |
| Dimension (L x H) | 325mm x 100 mm             |



### OPERATIONAL INFORMATION

#### TECHNICAL SPECIFICATIONS

|                       |                                     |
|-----------------------|-------------------------------------|
| Operating Mode        | Switch-Maintained                   |
| Operating Voltage     | 220-260V; 50Hz                      |
| Operating Temperature | 1° - 45° C                          |
| IP Rating             | IP54                                |
| IK Rating             | IK08                                |
| Wiring                | Large Terminal Block                |
| Mounting Type         | Surface Mount                       |
| Testing System        | Manual Test Switch                  |
| Construction          | Polycarbonate Body and Diffuser     |
| Classification        | C0 D40 C90 D40                      |
| Standards             | AS/NZ 2293<br>AS/NZS 60598.1<br>EMC |

#### BATTERY AND LEDS

|                    |                                   |
|--------------------|-----------------------------------|
| Battery            | High-Temp LiFePO4 Lithium Battery |
| Power Consumption  | 20W                               |
| Charging Method    | 3 Stage Intelligence              |
| Charging Time      | 16 Hours                          |
| Power Factor       | >0.95                             |
| Lens               | LED Lamp Rated at 50,000 Hours    |
| Lumens Output      | 2000lm                            |
| Colour Temperature | 4000k                             |
| Beam Angle         | 110 Degrees                       |
| CRI                | <80                               |

#### REPLACEMENT PART

| PART NUMBER | DESCRIPTION                            |
|-------------|--|
| BOYSTERL    | LiFePO4 Lithium Battery, 6.4V; 3000mAh |

#### SPACING TABLE AND MOUNTING HEIGHT

| CLASSIFICATION | 2.1m | 2.4m | 2.7m | 3m   | 3.3m | 3.6m | 4m   | 4.5  | 5m   | 6m   | 7m   | 8m | 9m   | 10m | 15m |
|----------------|------|------|------|------|------|------|------|------|------|------|------|----|------|-----|-----|
| D40            | 11.5 | 13.2 | 14.8 | 16.5 | 18.1 | 19.5 | 20.1 | 20.7 | 21.2 | 22.1 | 22.6 | 23 | 23.1 | 23  | 0   |

NOTE: Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure that conformance to Clause 4.3 of AS/NZS 2293.1 is maintained (e.g. maximum 500 m2 per emergency luminaire).

The product details outlined in this document are accurate as of the document's version date. We reserve the right to modify product design, specifications, or materials without prior notice due to ongoing product improvement policy and changes to industry standards. We recommend confirming the applicable specifications at the time of placing your order to ensure alignment with the most current information.

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