

# PRODUCT CODE: EMD80SMBK-ST

## LED SURFACE MOUNTED EMERGENCY LUMINAIRE BLACK

### PRODUCT INFORMATION

| PRODUCT CODE | DESCRIPTION                                                                  |
|--------------|------------------------------------------------------------------------------|
| EMD80SMBK-ST | LED Surface Mounted Emergency Self Test Luminaire Black - D80 Classification |

### ORDERING INFORMATION

|                       |                            |
|-----------------------|----------------------------|
| Carton Qty            | 8 pieces                   |
| Weight                | 1.45kg (unit) - 12kg (box) |
| Dimension (L x W x H) | 225mm x 225mm x 60mm       |



### OPERATIONAL INFORMATION

#### TECHNICAL SPECIFICATIONS

|                       |                                     |
|-----------------------|-------------------------------------|
| Operating Mode        | Non-Maintained                      |
| Operating Voltage     | 220-260V; 50Hz                      |
| Operating Temperature | 1° - 45° C                          |
| IP Rating             | IP20                                |
| Wiring                | Large Terminal Block                |
| Mounting Type         | Surface Mount                       |
| Testing System        | Self Test                           |
| Construction          | Powder Coated Metal Box             |
| Classification        | C0 D80 C90 D80                      |
| Standards             | AS/NZ 2293<br>AS/NZS 60598.1<br>EMC |

#### BATTERY AND LEDS

|                   |                                   |
|-------------------|-----------------------------------|
| Battery           | High-Temp LiFePO4 Lithium Battery |
| Power Consumption | 4W                                |
| Charging Method   | 3 Stage Intelligence              |
| Charging Time     | 16 Hours                          |
| Lens              | LED Lamp Rated at 50,000 Hours    |

#### REPLACEMENT PART

| PART NUMBER | DESCRIPTION                           |
|-------------|---------------------------------------|
| BD80        | LiFePO4 Lithium Battery, 6.4V 3200mAh |

#### 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  |
|----------------|------|------|------|------|------|------|----|------|------|------|----|------|------|------|------|
| D80            | 11.5 | 13.2 | 14.8 | 16.5 | 18.1 | 19.8 | 22 | 24.7 | 27.5 | 28.9 | 30 | 30.9 | 31.5 | 32.1 | 32.3 |

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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