



**Specification:** Weatherproof (IP65) and robust (IK10) self-contained and self-test emergency LED bulkhead. Constant emergency light (1.5W/170lm) for 3 hours. Low stand-by power consumption. Remote control available. Self-adhesive legend available for 18m viewing distance exit sign. Lithium battery integrated. Maintained or non-maintained configurations. Suitable for indoor and outdoor applications such as car parks, distribution centres, storage rooms and sports centres.



\* Self-test function is disabled by default. If self-test function is required please use remote control ARC to enable it.

## Key Features

- Maintained and Non-maintained configurations
- Low stand-by power consumption (0.5 W)\*
- Fast battery re-charge (8 hrs)\*\*
- IP65 cable gland included
- Remote control available

\* Non-maintained mode only

\*\* First battery charge takes up to 16 hours

## Mini GRANITE Emergency Bulkhead

| Part number | Description                         | Testing facility        | Remote control part number ** | Operating temperature | Net weight |
|-------------|-------------------------------------|-------------------------|-------------------------------|-----------------------|------------|
| BHB1.5-AST  | EM LED bulkhead mini 1.5W 170lm AST | Advance Self-Test (AST) | ARC                           | 0°C ~ 40°C            | 0.26kg     |

\*\* Advance Remote Control (ARC) allows the competent installer to carry out functional tests and/or full duration tests at any time and to check system's status. Please refer to ARC's user guide.

## Technical information

|                             |  |
|-----------------------------|--|
| Input voltage/frequency     | 220-240V AC 50Hz                         |
| Power consumption           |  |
| Maintained                  | 5W(Max.*)<br>3W                          |
| Non-maintained              | 3W(Max.*)<br>0.5W(standby)               |
| Lumen output                |  |
| On mains voltage            | 170lm                                    |
| On emergency mode           | 170lm                                    |
| LEDs Lifetime (L-70)        | 50,000h                                  |
| Discharge duration          | 3hr                                      |
| Wh (maintained standby)     | 3  |
| Wh (non-maintained standby) | 0.5                                      |
| Charge duration             | up to 8hrs<br>(first charge up to 16hrs) |
| Test facility               | AST                                      |
| IP rating                   | IP65                                     |
| IK rating                   | IK10                                     |
| Insulation class            | II                                       |
| Operation temp.             | 0~40°C                                   |
| Storage temp.               | 0~50°C                                   |

## Materials

|                    |                          |
|--------------------|--------------------------|
| Luminaire housing  | Polycarbonate            |
| Luminaire diffuser | Polycarbonate            |
| Luminaire bracket  | Polycarbonate            |
| Luminaire legend   | N.A.                     |
| Luminaire screws   | SUS 316                  |
| Finish             | White Matt, Front smooth |
| Colour             | White                    |
| Battery type       | Li-Ion 3.6V<br>2500mAh   |

## Logistic information

|                                       |                      |
|---------------------------------------|----------------------|
| Product dimensions (L x W x D)mm      | 199.5 x 95 x 45.5 mm |
| Product Net weight (Kg)               | 0.26Kg               |
| Box dimensions (L x W x D)mm          | 205 x 98 x 53 mm     |
| Gross weight (Kg)                     | 0.32Kg               |
| Quantity of outer carton              | 36 pcs               |
| Outer carton dimensions(L x W x D)mm  | 424 x 345 x 315 mm   |
| Outer carton gross weight (Kg)        | 12.15 Kg             |
| Quantity per Euro pallet (1200 x 800) | 864 pcs              |
| Pallet weight (Kg)                    | 10 Kg                |

## Light Source

|          |           |
|----------|-----------|
| Brand    | Everlight |
| Quantity | 6 pcs     |
| CCT      | 4000K     |
| CRI      | >80       |

\* Power consumption only during charging mode

## Certification

|                 |                            |
|-----------------|----------------------------|
| Safety standard | BS EN 60598-2-22           |
| Certified by    | DEKRA (ENEC certification) |
| CE mark         | Yes                        |
| Factory QMS     | ISO9001                    |

## INSTALLATION NOTES

- Surface ceiling or wall mount
- BESA entry drilling template on rear
- IP65 and IK10 rating
- Cable entry to sides and rear (15mm cut-outs)
- Terminal block takes wires up to 3 x 1.5mm<sup>2</sup>

## TESTING FACILITIES

|                          |  |
|--------------------------|--|
| AST (Advanced Self-Test) | This is a self-test luminaire*. Functional test is carried out automatically once a week and runs for 30 seconds. Full duration test is carried out automatically every 52 weeks. First full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. This luminaire can be used in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds extra features to AST emergency luminaires. Please refer to the ARC's user guide. |
|--------------------------|--|

\* Please note that the self-test function is disabled by default and therefore this luminaire needs to be tested by a competent person according to BS EN 50172:2004. If self-test function is required please use remote control ARC to enable it.