



- 135 ° Open Area or Corridor Optic Options
- Self-Test and DALI Self-Test Options Available
- High Output - Up to 250 Delivered Lumen
- 155mm x 155mm x 58mm
- White or Black Finish
- Non-Maintained Operation
- Round Version Available
- Besa Box and Standard Fixing Points
- LDT files Available on Request

The HALO/SURFACE is a surface mount standalone emergency LED luminaire which incorporates either our open area or corridor LEDs. The unit is designed for non-maintained use. This product operates with the latest LiFePO4 batteries that offer a long life and a low parasitic load.

The main LED is driven at 550mA and provides either 241 delivered lumen with the open area lens, or 250 delivered lumen with the corridor lens.

### Order Codes

|             |                                |
|-------------|--------------------------------|
| CSW/1/NM/** | White (RAL9016) Standard       |
| CSB/1/NM/** | Black (RAL9005) Standard       |
| CSW/1/DA/** | White (RAL9016) DALI Self-Test |
| CSB/1/DA/** | Black (RAL9005) DALI Self-Test |

\*\* = OA for Open Area Lens and CO for Corridor Lens

### Spacing Table with Open Area Lens:

| Mounting Height | To Wall |         | Between Fittings |         |
|-----------------|---------|---------|------------------|---------|
|                 | 0.5 Lux | 1.0 Lux | 0.5 Lux          | 1.0 Lux |
| 2.5m            | 5.2m    | 4.2m    | 12.1m            | 10.3m   |
| 3.0m            | 5.6m    | 4.4m    | 13.5m            | 11.2m   |
| 4.0m            | 6.2m    | -       | 15.4m            | 12.4m   |
| 5.0m            | -       | -       | 16.9m            | -       |
| 6.0m            | -       | -       | 17.7m            | -       |

### Technical Details:

|                                 |                        |                         |                       |
|---------------------------------|------------------------|-------------------------|-----------------------|
| Input Voltage                   | 230-240V AC 50/60Hz    | Lumen Output (OA)       | 250 Delivered Lumen   |
| Power Rating (when charging)    | 18mA - $\lambda = 0.6$ | Lumen Output (CO)       | 241 Delivered Lumen   |
| Maximum Ta                      | 40 ° C                 | Maximum Tc              | 60 ° C                |
| Charge Current                  | Dual Rate 0-225mA      | Battery Type            | 3.2V 3.8Ah LiFePO4    |
| Duration                        | 3 hours                | Mains Input Termination | 0.50mm to 2.5mm Cable |
| Recharge Period                 | 24 Hours               | Ingress Protection      | IP20                  |
| Light Source Colour Temperature | 5700K                  | Dimensions              | 155mm x 155mm x 58mm  |
| Weight (Standard)               | 0.4Kg                  | Weight (DALI)           | 0.42Kg                |
| Beam Angle (OA)                 | 135 °                  | Beam Angle (CO)         | 155 ° x 115 °         |