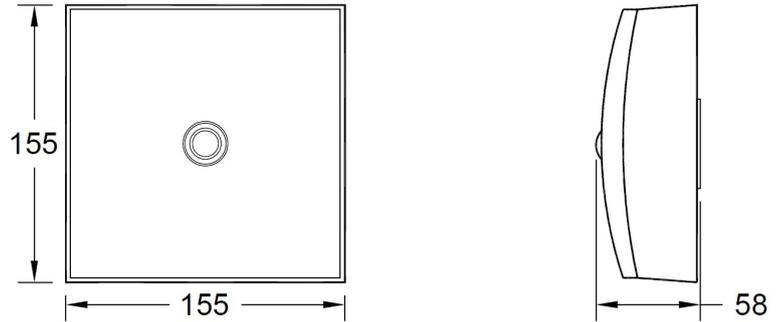


Technical Specification  
**Halo Surface Square**  
 Surface Mounted Emergency LED



The Halo Surface Square is a square, 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 700mA and provides either 268 delivered lumen with the open area lens, or 266 delivered lumen with the corridor lens.

- 135 ° Open Area or Corridor Optic Options
- Basic, DALI-2 or LiteMesh Wireless Operation
- High Output - Up to 268 Delivered Lumen
- White or Black Finish
- Non-Maintained Operation
- Round Version Available
- Besa Box and Standard Fixing Points
- LDT files Available on Request
- TM65.2 Rating of 8.41kg CO<sup>2</sup>e

**Order Codes**

CSW/1/NM/**	White (RAL9016) Standard
CSB/1/NM/**	Black (RAL9005) Standard
CSW/1/DA/**	White (RAL9016) DALI-2 Self-Test
CSB/1/DA/**	Black (RAL9005) DALI-2 Self-Test
CSW/1/LMEM/**	White (RAL9016) LiteMesh Ready Wireless Self-Test
CSB/1/LMEM/**	Black (RAL9005) LiteMesh Ready Wireless 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	5.4m	4.5m	12.6m	10.7m
3.0m	5.9m	4.7m	14.0m	11.7m
4.0m	6.6m	-	16.2m	13.2m
5.0m	0.3m	-	17.8m	0.7m
6.0m	-	-	19.0m	-

**Technical Details:**

Input Voltage	230-240V AC 50/60Hz	Charge Current	225mA Nominal
Basic Power (charging) *	1.6W 17mA λ = 0.40	Duration	3-Hours
Basic Power (charged) *	0.2W 11mA λ = 0.07	Maximum Ta	25° C
DALI Power (charging) *	1.7W 14mA λ = 0.50	Battery Type	3.2V 3.8Ah LiFePO4
DALI Power (charged) *	0.3W 8mA λ = 0.15	Mains Input Terminal	0.50mm to 2.5mm Cable
Recharge Period	24-Hours	Ingress Protection	IP20
Colour Temperature	5700K	Dimensions	155mm x 155mm x 58mm
Weight (Standard)	0.4Kg	Weight (DALI Self-test)	0.42Kg
Beam Angle (OA)	135 °	Beam Angle (CO)	155 ° x 115 °

\* Following its initial charge, the control gear will spend 90% of its operational life in standby mode.