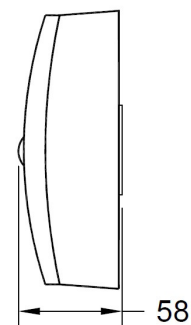
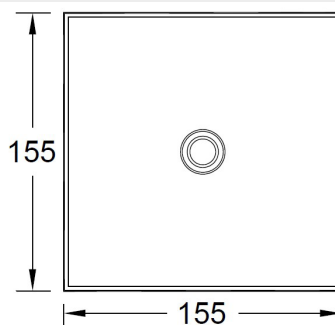


Technical Specification

Halo Surface Square

Surface Mounted Emergency LED



- 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 CO₂e
- Features Battery Temperature Protection

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.

The charger will cut-off if the Tc of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, should there be enough capacity remaining in the battery.

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.

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) *	1.7W 14mA $\lambda = 0.49$	Duration	3-Hours
Basic Power (charged) *	0.26W 8mA $\lambda = 0.14$	Maximum Ta	25° C
DALI Power (charging) *	1.7W 14mA $\lambda = 0.5$	Battery Type	3.2V 3.8Ah LiFePO ₄
DALI Power (charged) *	0.2W 8mA $\lambda = 0.11$	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 (Basic)	0.4Kg	Weight (DALI-2)	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.

Tel +44 (0)1708 372223 | www.liteplan.com | customerservice@liteplan.com | RM3 OAP. UK

Liteplan reserve the right to change colour, price or specification without prior notice

ISS 170325



LiteMesh

