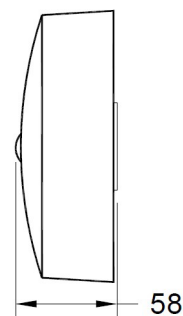
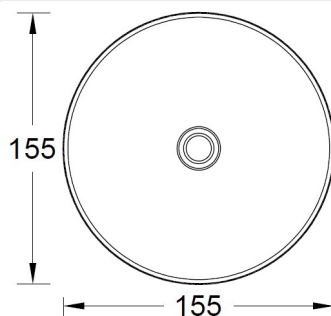


# Technical Specification

## Halo Surface Round

### Surface Mounted Emergency LED



- 135 ° Open Area or Corridor Optic Options
- Basic, or DALI-2 Self-test Operation
- High Output - Up to 268 Delivered Lumen
- White or Black Finish
- Non-Maintained Operation
- Square Version Available
- Besa Box and Standard Fixing Points
- LDT files Available on Request
- TM65.2 Rating of 7.73kg CO<sub>2</sub>e
- Features Battery Temperature Protection

The Halo Surface Round is a circular, 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 T<sub>c</sub> 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

CRW/1/NM/**	White (RAL9016) Standard
CRB/1/NM/**	Black (RAL9005) Standard
CRW/1/DA/**	White (RAL9016) DALI-2 Self-Test
CRB/1/DA/**	Black (RAL9005) DALI-2 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 $\lambda = 0.14$	Temp. Parameters T <sub>a</sub>	0°C to 35°C
DALI Power (charging) *	1.7W 14mA $\lambda = 0.5$	Battery Type	3.2V 3.8Ah LiFePO <sub>4</sub>
DALI Power (charged) *	0.2W 8mA $\lambda = 0.11$	Mains Input Terminals	0.50mm to 2.5mm Cable
Recharge Period	24 Hours	Ingress Protection	IP20
Colour Temperature	5700K	Dimensions	58mm x 155mm Diameter
Weight (Standard)	0.37Kg	Weight (DALI/Self-test)	0.40Kg
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.

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