

FEATURES

The EM-LED HALO is a round surface mount standalone emergency LED luminaire which incorporates either our open area or corridor LED optic. 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 250 delivered lumen with the open area lens or 241 delivered lumen with the corridor lens.

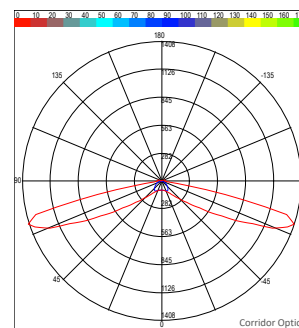
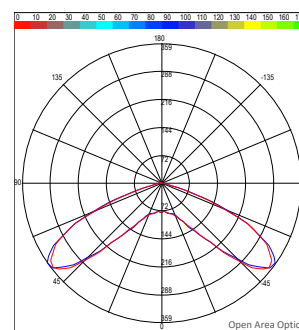
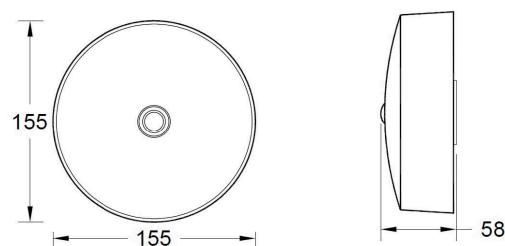
- 135° open area or corridor optic
- Standard or DALI 2 self-test emergency
- Non-maintained operation
- High output up to 250 lm
- Besa box and standard fixing points



SPECIFICATION

Input Voltage	230 – 240V AC 50/60 Hz
Power (charging)*	18mA - $\lambda = 0.6$
Power (charging maintained)*	5W 28mA $\lambda = 0.74$
Recharge period	24 hours
Duration	3 hours
Light Source Colour Temperature CCT	5700K
Optic	Open Area (OA) Corridor (CO)
Beam Angle (OA)	135°
Beam Angle (CO)	155° x 155°
Lumen Output (OA)	250lm
Lumen Output (CO)	241lm
Battery Type	3.2V 3.8Ah LiFePO4
Mains Input Termination	0.50mm to 2.5mm Cable
Charge Current	Dual Rate 0-225mA
Finish	White RAL9016 Black RAL9005
Module Dimensions	Ø155mm x D 58mm
Max Ta and Tc	Ta = 40 °C & Tc = 60 °C
Weight (with LED)	Standard 0.37kg DALI 0.39kg
Ingress Protection	IP20
Conformity	DALI 2 certified device registered with DiiA, UKCA
Warranty	5 Years

DIMENSIONS



Note* After its initial charge, It will spend 90% of its operational life in standby mode. If DALI is not present the unit will default to Self-Test operation.

PRODUCT ORDER CODE

EXAMPLE: EM-LED-HALO-R/DALI/OA/WH

PREFIX	DRIVER	OPTIC	FINISH
EM-LED-HALO-R	ST standard self-test emergency	OA open area optic 135° 268 lm	BWH white RAL 9016
	DALI DALI self-test emergency	CO corridor optic 155° x 115° 266 lm	BL black RAL 9005

SELF-TEST AND DALI FAULT INDICATION

Standard self-test and DALI emergency products are fitted with a bi-colour LED and indicate as follows:

- A solid green light indicates that the battery charge is healthy.
- A green flashing light indicates that the unit is in pre-commissioning mode, or there is either a function or curation test in progress.
- A red flashing or red solid light indicates that there is a fault on the unit.

		DLP	MST	NDA	NES	DNA
LED Indicates						
Green Solid	Mains On No Fault					
	48h Pre- Commissioning Function Test In Progress	Not Applicable 	Not Applicable 	Not Applicable 	Not Applicable 	 2.0s On 0.2s Off
Green Flash	Duration Test In Progress	 0.1s On 0.1s Off	 0.2s On 2.0s Off	 0.2s On 2.0s Off	 0.1s On 1.0s Off	 0.2s On 2.0s Off
	Duration Test Passed	 4.0s On 1.0s Off for 7 Days	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Red Solid	Lamp Fault		Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Battery Fault	 1s On 1s Off	 0.5s On 3.0s Off	 0.5s On 3.5s Off	 0.5s On 3.0s Off	 0.5s On 3.5s Off
Red Flash	Lamp Fault	Not Applicable	 2x 0.5s On 2.0s Off	 2x 0.5s On 2.5s Off	 2x 0.5s On 2.0s Off	 2x 0.5s On 2.5s Off
	LED Driver Fault	 0.1s On 0.1s Off	Not Applicable	Not Applicable	Not Applicable	Not Applicable
LED Off	Mains Failure Battery OK	 Off	 Off	 Off	 Off	 Off
Red/Green Alternate	DALI Mode Identification		Not Applicable		Not Applicable	