

ESPRIT^{SPOT}

2x2W LED TWINSPOT

NON-MAINTAINED EMERGENCY LIGHT

This low-glare LED emergency spot light provides a dependable source of emergency lighting using efficient LEDs and a high transmission acrylic lens in a simple yet functional form factor.

It provides brilliant illumination during an emergency and is designed to provide reliable emergency lighting in indoor areas where it is not possible to mount conventional emergency luminaires such as stairwells, loading docks, factories and assembly points.



Available as:



SYNTHIUM[™] nanotechnology is an advanced environmentally sustainable energy development that offers extended battery life low cost of ownership, enhanced performance and improved safety.

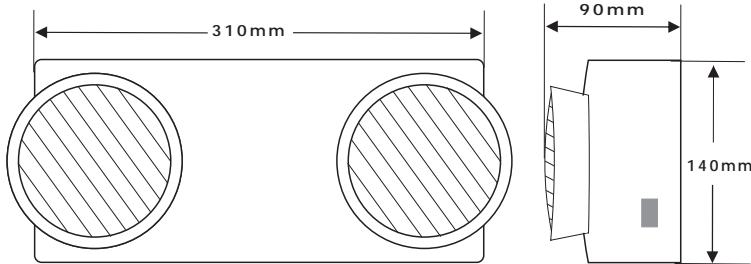


Technical Specifications

Item	Part Number	EMS-SPOT
	Description	2 x 2W LED Emergency Twinspot c/w Synthium™ Battery
Input	Operating Voltage & Frequency	230VAC ; 50Hz
	Installation	Large terminal block, 20mm² cable entry
Output	Light Source	2 x 2W 5000K LED
	Mode of Operation	Non-Maintained
	Power Consumption	2W (standby)
	Emergency Duration	> 120 minutes
Controls	Charger	16hr intelligent 3-stage charger with Synthium™ battery management system
	Protection	Overcharge, low voltage disconnect, overcurrent
	Testing Facility	Manual test switch
	Indicators	Battery charging Green LED
Physical	Construction	Chassis: Flame-retardant polycarbonate, Lens: acrylic
	Mounting	Surface mounted, wall
	IP Rating	IP20
	Weight	2.0kg
Environment	Operating Temperature	1° to 40°C
	Relative Humidity	0 to 95%
Compliance	Standards	RCM / EMC, AS/NZS 2293, AS/NZS 60598.1
	AS/NZS 2293 Classification	N/A due to rotatable lamps, refer to photometrics below
Accessories	STAR™ Self-Test and Reporting	P/N: EMS-SPOT/ST
	DALI-compatible	P/N: EMS-SPOT/DL
	SYNECTIX™ RF Wireless	P/N: EMS-SPOT/RF
	Replacement Battery	P/N: BAT-SPOT: Synthium™ LiFePO ₄

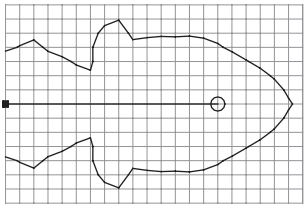
NOTE: Product specifications subject to change without prior notice due to ongoing product improvement policy and changes to industry standards.

Dimensions



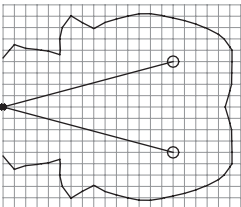
Photometrics

The photometric data below is calculated at a mounting height of 3 metres. Lamps must be positioned as per the drawing below:



1x2W lamp @ 10° tilt

Area	Mounting Height (m)		
	3.0	4.0	5.0
0.2 lux	75m²	100m²	130m²
1.0 lux	35m²	50m²	65m²



2x2W lamp @ 10° tilt

Area	Mounting Height (m)		
	3.0	4.0	5.0
0.2 lux	90m²	120m²	150m²
1.0 lux	45m²	55m²	70m²

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