

# ESQUIRE FLOOD

**2x10W LED WEATHERPROOF IP65  
NON-MAINTAINED EMERGENCY FLOODLIGHT**

This high-powered LED emergency flood light provides an ultra bright source of indirect emergency lighting using efficient LEDs and a high transmission acrylic lens in a simple yet robust form factor.

It delivers brilliant illumination during an emergency and is designed to operate reliably in indoor or outdoor areas with high ceilings or where it is not possible to mount conventional emergency luminaires such as stadiums, large warehouses, loading docks, factories and assembly points.



Available as:



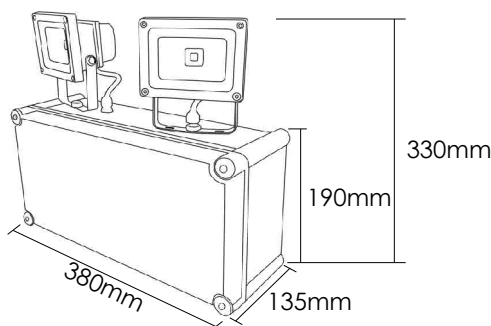
Project Name	Type	Qty
Comments		

## Technical Specifications

<b>Item</b>	<b>Part Number</b>	EMS-FLOOD
	<b>Description</b>	2 x 10W LED Weatherproof IP65 Emergency Floodlight c/w Synthium™ Battery
<b>Input</b>	<b>Operating Voltage &amp; Frequency</b>	230VAC ; 50Hz
	<b>Installation</b>	Large terminal block, 20mm <sup>2</sup> cable entry
<b>Output</b>	<b>Light Source</b>	2 x 10W 5000K LED
	<b>Mode of Operation</b>	Non-Maintained
	<b>Power Consumption</b>	2W (standby)
	<b>Emergency Duration</b>	> 120 minutes
<b>Controls</b>	<b>Charger</b>	16hr intelligent 3-stage charger with Synthium™ battery management system
	<b>Protection</b>	Overcharge, low voltage disconnect, overcurrent, short circuit
	<b>Testing Facility</b>	Manual test switch
	<b>Indicators</b>	Battery charging green LED
<b>Physical</b>	<b>Construction</b>	Chassis: Flame-retardant polycarbonate, Lens: acrylic
	<b>Mounting</b>	Surface mounted, wall
	<b>IP Rating</b>	IP 65
	<b>Weight</b>	4.0kg
<b>Environment</b>	<b>Operating Temperature</b>	1° to 40°C
	<b>Relative Humidity</b>	0 to 95%
<b>Compliance</b>	<b>Standards</b>	RCM / EMC, AS/NZS 2293, AS/NZS 60598.1
	<b>AS/NZS 2293 Classification</b>	N/A due to rotatable lamps, refer to photometrics below
<b>Accessories</b>	<b>STAR™ Self-Test and Reporting</b>	P/N: EMS-FLOOD/ST
	<b>DALI-compatible</b>	P/N: EMS-FLOOD/DL
	<b>SYNECTIX™ RF Wireless</b>	P/N: EMS-FLOOD/RF
	<b>Replacement Battery</b>	P/N: BAT-FLOOD: Synthium™ LiFePO <sub>4</sub>

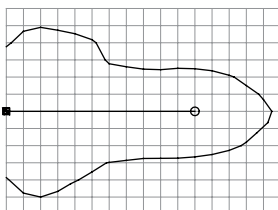
**NOTE:** Product specifications subject to change without prior notice due to ongoing product improvement policy and changes to industry standards.

## Dimensions



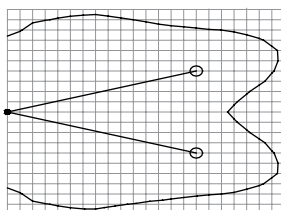
## Photometrics

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



1x10W LED lamp @ 50° tilt

Area	Mounting Height (m)		
	3.0	4.0	5.0
0.2 lux	200m <sup>2</sup>	265m <sup>2</sup>	320m <sup>2</sup>
1.0 lux	85m <sup>2</sup>	95m <sup>2</sup>	105m <sup>2</sup>



2x10W LED lamp @ 50° tilt

Area	Mounting Height (m)		
	3.0	4.0	5.0
0.2 lux	340m <sup>2</sup>	420m <sup>2</sup>	500m <sup>2</sup>
1.0 lux	125m <sup>2</sup>	145m <sup>2</sup>	160m <sup>2</sup>

According to AS2293, emergency floodlights with rotatable light sources are classified as indirect emergency lighting. Therefore, emergency classifications and spacing tables are unavailable for this type of luminaire. IES files are available for specifiers.

