

# EXCALIBRE<sup>WP</sup>

**LED WEATHERPROOF IP65 BATTEN**  
**MULTIMODE EMERGENCY LIGHT**

The multimode ExcalibreWP batten range combines the reliability and energy-efficiency of a high performance LED array with a robust, tough weatherproof shell to offer a long-term solution for outdoor, wet or dusty environments.

The practical hinged cover design offers ease of installation and hassle-free maintenance and, when integrated with the optional microwave dimming motion sensor, it can save end-users up to 70% in energy costs, making ExcalibreWP perfect for car parks, stairwells, warehouses and other outdoor emergency escape paths.



Optional:



**SYNTHIUM**<sup>™</sup> is an advanced environmentally-sustainable energy development that offers extended battery life, low cost of ownership, enhanced performance and improved safety.



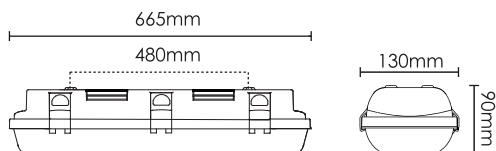
## Technical Specifications

<b>Item</b>	<b>Part Number</b>	EMS-BATT0620WP	EMS-BATT1240WP
	<b>Description</b>	20W LED 4000K 600mm Multimode IP65 Weatherproof Emergency Batten c/w <i>Synthium™</i> Battery	40W LED 4000K 1200mm Multimode IP65 Weatherproof Emergency Batten c/w <i>Synthium™</i> Battery
<b>Input</b>	<b>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>	20W 1800lm 4000K 600mm LED Array	40W 3500lm 4000K 1200mm LED Array
	<b>Mode of Operation</b>	Multimode - Maintained / Non-Maintained / Switchable	
	<b>Power Consumption</b>	23W (Maintained), 4W (Non-Maintained)	45W (Maintained), 4W (Non-Maintained)
	<b>Emergency Duration</b>	> 120 minutes	
<b>Controls</b>	<b>Charger</b>	16hr intelligent 3-stage charger with <i>Synthium™</i> 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>	Diffuser - high transmission opal polycarbonate, chassis - polycarbonate	
	<b>Mounting</b>	Surface mounted - ceiling / wall	
	<b>Dimensions L x W x H</b>	665mm x 140mm x 90mm	1275mm x 140mm x 90mm
	<b>IP / IK Rating</b>	IP65 / IK10	
	<b>Weight</b>	3.0kg	4.0kg
	<b>Warranty</b>	3 years	
<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>	C0 D63, C90 D40	C0 D80, C90 D50
<b>Accessories</b>	<b>Replacement Battery</b>	P/N: BAT-BATTWP: <i>Synthium™</i> LiFePO <sub>4</sub>	
	<b>Microwave Dimming Sensor</b>	P/N: include suffix "/MWS" e.g. BATT1240WP/MWS for factory-fitted microwave dimming sensor	
	<b>1-10V Dimmable Controller</b>	P/N: include suffix "/DIM" e.g. BATT1240WP/DIM for factory-fitted 1-10V dimmable controller	

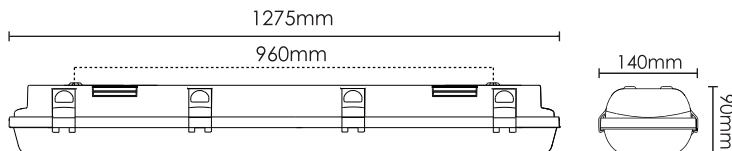
**NOTE:** Product specifications subject to change without prior notice due to ongoing product improvement policy and changes to industry standards.

## Dimensions

EMS-BATT0620WP



EMS-BATT1240WP



## Spacing Table

SPACING TABLE	MOUNTING HEIGHT (m)									
	2.1	2.4	2.7	3.0	4.0	5.0	6.0	8.0	10.0	
<b>EMS-BATT0620WP</b>	C0 - D63	19.4	20.3	21.1	21.8	23.7	25.2	26.4	27.4	28.9
	C90 - D40	16.7	17.4	18.0	18.6	20.1	21.3	22.1	23.0	23.1
<b>EMS-BATT1240WP</b>	C0 - D80	21.1	22.0	22.8	23.6	25.8	27.5	28.9	30.9	32.1
	C90 - D50	18.0	18.7	19.4	20.1	21.8	23.2	24.2	25.4	25.9

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