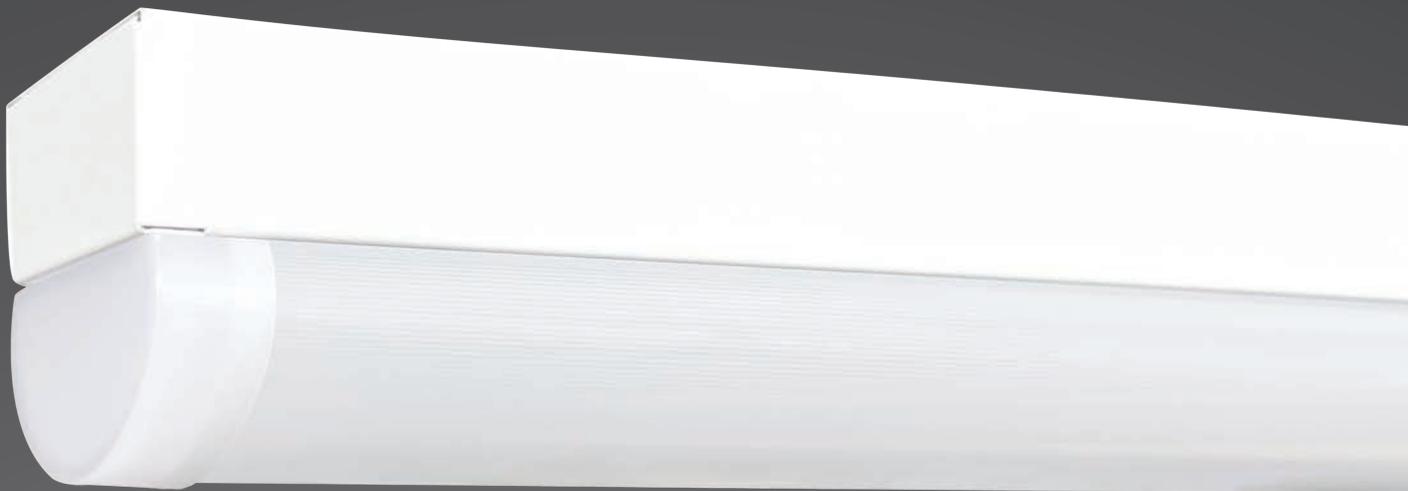


# EXCALIBRE 3

**LED LINEAR DIFFUSED BATTEN**  
**MULTIMODE EMERGENCY LIGHT**

This slim & modern diffused linear luminaire combines the energy-efficiency of a high performance LED array and advanced battery technology to provide a reliable source of emergency lighting.

The toolless 'press & slide' mechanism offers Excalibre offers ease of installation & maintenance and can provide up to 70% energy savings when integrated with a microwave dimming motion sensor, making the Excalibre3 the perfect choice for stairwells, back of house, offices and industrial buildings.



Available as:



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

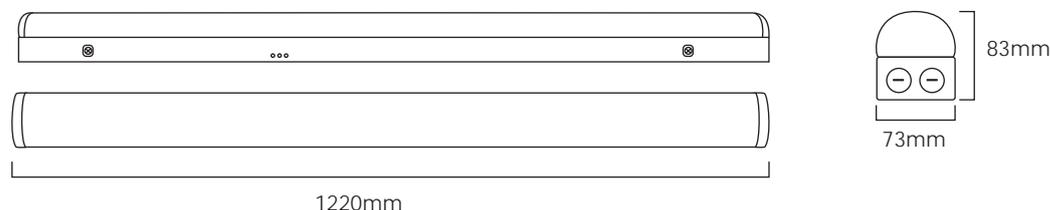


## Technical Specifications

Item	Part Number	EMS-BATT24DIF
	Description	40W Tri-Colour LED 1200mm Multimode Diffused Emergency Batten c/w Advanced <i>Synthium</i> ™ Battery
Input	Voltage & Frequency	230VAC ; 50Hz
	Installation	Large terminal block, 20mm <sup>2</sup> cable entry
Output	Light Source	40W 5000lm Tri-Colour LED Array (3000K, 4000K, 5000K)
	Mode of Operation	Multimode - Maintained / Non-Maintained / Switchable
	Power Consumption	45W (Maintained), 4W (Non-Maintained)
	Emergency Duration	> 120 minutes
Controls	Charger	16hr intelligent 3-stage charger with Advanced <i>Synthium</i> ™ battery
	Protection	Overcharge, low voltage disconnect, overcurrent, short circuit
	Testing Facility	Manual test switch
	Indicators	Battery charging red LED
Physical	<b>Battery</b>	<i>Synthium</i> ™ Lithium Iron Phosphate - 10 year design life
	Construction	Body: Folded sheet metal powdercoat white, Diffuser: Polycarbonate
	Mounting	Surface mounted - ceiling / wall
	Dimensions L x W x H	640mm x 115mm x 90mm
	IP / IK Rating	IP20
	Weight	3.0kg
	Warranty	3 years
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	C0 D80, C90 D50
Accessories	Microwave Dimming Sensor	P/N: EMS-BATT24DIF/MWS
	STAR™ Self-Test and Reporting	P/N: EMS-BATT24DIF/ST
	DALI-compatible	P/N: EMS-BATT24DIF/DL
	SYNECTIX™ RF Wireless	P/N: EMS-BATT24DIF/RF
	Replacement Battery	P/N: BAT-BATTWP: <i>Synthium</i> ™ 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



## AS/NZS 2293.1:2018 Spacing Table

SPACING TABLE		MOUNTING HEIGHT (m)								
NATA Classification		2.1	2.4	2.7	3.0	4.0	5.0	6.0	8.0	10.0
EMS-BATT1240WP	C0 - D80	11.5	13.2	14.8	16.5	21.8	23.1	24.1	25.4	25.8
	C90 - D50	11.5	13.2	14.8	16.5	22.0	27.5	28.9	30.9	32.1

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