

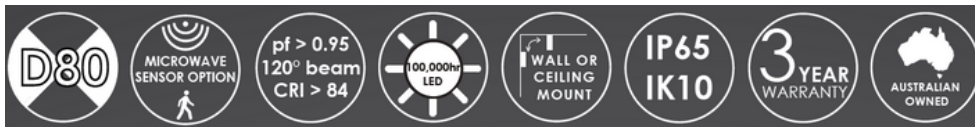
BULKSQ

Emerald BULKSQ

LED WEATHERPROOF IP65 BULKHEAD MULTIMODE EMERGENCY LIGHT

The multimode LED luminaire is designed to provide a low-glare, high-transmission general light source whilst producing brilliant illumination under emergency conditions to cover large escape paths and areas.

Available in a robust IP65-rated square die-cast enclosure, the Emerald is a long-term emergency lighting solution for general areas such as stairwells, apartments, commercial properties and car parks.

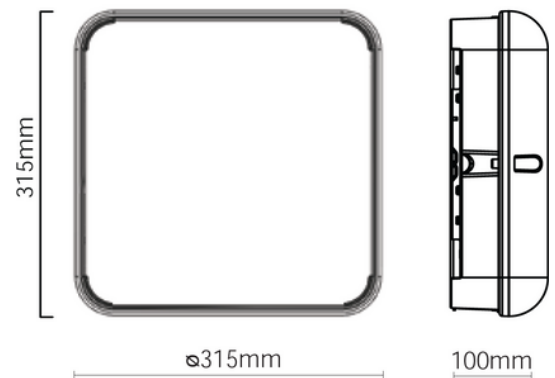


Technical Specifications

Item	Part Number	EMS-BULKSQ	STD-BULKSQ
	Description	20W LED 4000K Multimode Weatherproof IP65 Emergency Bulkhead c/w Synthium™ Battery	20W LED 4000K Weatherproof IP65 Bulkhead (Non-Emergency)
Input	Voltage & Frequency	230VAC : 50Hz	
	Installation	Large terminal block and 20mm² cable entry	
Output	Light Source	20W 2400lm 4000K High Performance Osram LED Array - 100,000 hours	
	Mode of Operation	Multimode - Maintained / Non-Maintained / Switchable	Non-emergency
	Power Consumption	25W (Maintained), 5W (Non-Maintained)	23W
	Emergency Duration	> 120 minutes	N/A
Controls	Charger	Intelligent 3-stage charger with Synthium™	
	Protection	Overcharge, low voltage disconnect, overcurrent, short circuit	
	Testing Facility	Manual test switch	
	Indicators	Battery charger green LED	
Physical	Construction	Diffuser - high transmission translucent polycarbonate, Chassis - die-cast aluminium	
	Mounting	Surface mounted - ceiling or wall	
	Dimensions L x W x H	315mm x 315mm x 100mm	
	IP / IK Rating	IP65 / IK10	
	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 D80	N/A
Accessories	Microwave Dimming Sensor	P/N: include suffix "/MWS" e.g. EMS-BULKSQ/MWS	
	STAR™ Self-Test and Reporting	P/N: EMS-BULKSQ/ST	
	DALI-compatible	P/N: EMS-BULKSQ/DL	
	SYNECTIX™ RF Wireless	P/N: EMS-BULKSQ/RF	
	Replacement Battery	P/N: BAT-BULKSQ: Synthium™ LiFePO ₄	

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

Dimensions



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	
C0 - D80	11.5	13.2	14.8	16.5	22.0	27.5	28.9	30.9	32.1	
C90 - D80	11.5	13.2	14.8	16.5	22.0	27.5	28.9	30.9	32.1	



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



SYNECTIX RF



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Vision retains the right to update this data at any time.

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