SYNNOVATE®

Advanced Exit & Emergency Lighting

BUNKER

LED WEATHERPROOF IP65 IK10 BUNKER
MULTIMODE EMERGENCY BUNKER LIGHT

This multimode LED emergency 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 durable IP65 and IK10 rated circular impact resistant enclosure, the Bunker is a reliable emergency lighting solution for public spaces such as stairwells, pathways, apartments, commercial properties and car parks.

D80 | MICROWAVE SENSOR OPTION | pf > 0.95 120° beam CRI > 84 | 100,000hr LED | WALL OR CEILING MOUNT | IP65 IK10 | 3 YEAR WARRANTY | AUSTRALIAN OWNED



Available as:

Single Point | STAR Self-Test and Reporting | DALI | SYNECTIX RF

powered by SYNTHIUM™

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

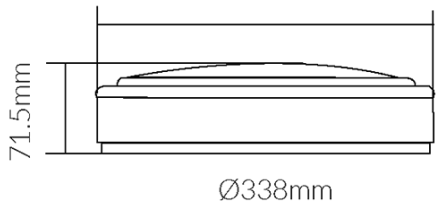
Certified Product™ Australian Standard AS/NZS 2293

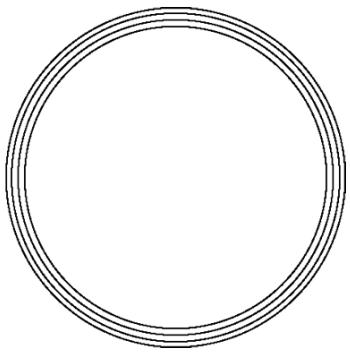
Technical Specifications

Item	**Part Number**	**EMS-BUNKER**	**STD-BUNKER**
	Description	20W Tri-Colour LED Multimode Weatherproof IP66 IK10 Emergency Bunker Light c/w *Synthium*™ Battery	20W Tri-Colour LED Weatherproof IP66 IK10 Bunker Light (Non-Emergency)
Input	**Voltage & Frequency**	230VAC ; 50Hz	
	Installation	Large terminal block and 20mm² cable entry	
Output	**Light Source**	20W 2400lm Tri-Colour (3000K / 4000K / 5000K) 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**	16hr intelligent 3-stage charger with Advanced *Synthium*™ battery	
	Protection	Overcharge, low voltage disconnect, overcurrent, short circuit	
	Testing Facility	Manual test switch	
	Indicators	Battery charger green LED	
Physical	**Battery**	*Synthium*™ Lithium Iron Phosphate - 10 year design life	
	Construction	Diffuser - high transmission translucent polycarbonate, Chassis - polycarbonate	
	Mounting	Surface mounted - ceiling or wall	
	Dimensions L x W x H	340mm x 340mm x 72mm	
	IP/ IK Rating	IP66 / IK10	
	Weight	3.0kg	
	Warranty	5 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-BUNKER/MWS	
	STAR™ Self-Test and Reporting	P/N: EMS-BUNKER/ST	
	DALI-compatible	P/N: EMS-BUNKER/DL	
	SYNECTIX™ RF Wireless	P/N: EMS-BUNKER/RF	
	Replacement Battery	P/N: BAT-BUNKER: *Synthium*™ $LiFePO_4$	

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**
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

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