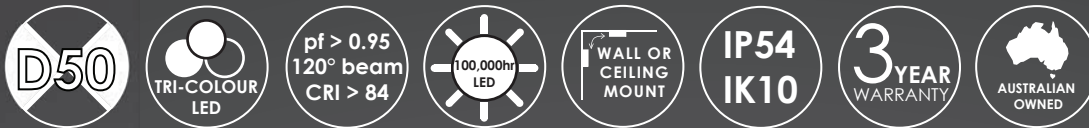# SYNNOVATE®
Advanced Exit & Emergency Lighting

SAPPHIRE 3

LED WEATHERPROOF IP54 OYSTER
MULTIMODE CIRCULAR EMERGENCY LIGHT

The new and improved Sapphire 3 circular light features a modern trimless appearance and provides a low glare, high-transmission general light source whilst producing brilliant illumination in both mains and emergency modes.

The IP54-rated impact resistant circular enclosure comes with a versatile mounting bracket for quick and easy installation, and a detachable snap-fit diffuser, making it an ideal solution for a diverse range of applications where aesthetics and function is paramount such as stairwells, apartments, hotels, schools and offices.

- D50
- TRI-COLOUR LED
- pf > 0.95 / 120° beam / CRI > 84
- 100,000hr LED
- WALL OR CEILING MOUNT
- IP54 IK10
- 3 YEAR WARRANTY
- AUSTRALIAN OWNED

Optional:
- MICROWAVE SENSOR

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.
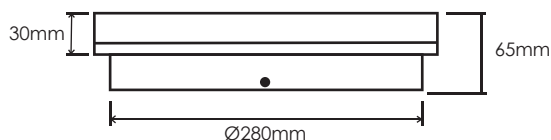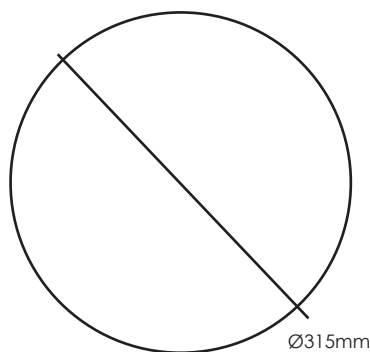
Certified Product
Australian Standard
AS/NZS 2293

Technical Specifications

Item		
Item	**Part Number**	**EMS-OYSTER**
	Description	20W Tri-Colour LED Multimode Weatherproof IP54 Circular Emergency Oyster Light c/w Synthium™ Battery
Input	**Voltage & Frequency**	230VAC ; 50Hz
	Installation	Wall / ceiling mounting bracket, large terminal block and 20mm² cable entry
Output	**Light Source**	2400lm Tri-Colour (3000K / 4000K / 5000K) High Performance LED Array - 100,000 hours
	Mode of Operation	Multimode - Maintained / Non-Maintained / Switchable
	Power Consumption	23W (Maintained), 5W (Non-Maintained)
	Emergency Duration	> 120 minutes
Controls	**Charger**	16hr intelligent 3-stage charger with Synthium™ battery
	Protection	Overcharge, low voltage disconnect, overcurrent, short circuit
	Testing Facility	Manual internal test switch
	Indicators	Battery charger green LED
Physical	**Battery**	Synthium™ 10 Year Lithium Iron Phosphate (LiFePO4)
	Construction	Diffuser - low glare opal polycarbonate, Chassis - Polycarbonate
	Mounting	Surface mounted - ceiling or wall
	Dimensions L x W x H	315mm x 315mm x 65mm
	IP/ IK Rating	IP54
	Weight	2.0kg
	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 D50 C90 D50
Accessories	**Microwave Dimming Sensor**	P/N: EMS-OYSTER/MWS
	STAR™ Self-Test and Reporting	P/N: EMS-OYSTER/ST
	DALI-compatible	P/N: EMS-OYSTER/DL
	SYNECTIX™ RF Wireless	P/N: EMS-OYSTER/RF
	Replacement Battery	P/N: BAT-OYSTER: Synthium™ LiFePO$_4$

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

Dimensions

30mm   65mm   Ø280mm   Ø315mm

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-OYSTER C0 - D50	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	21.8	23.1	24.1	25.4	25.8

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