

Exit and Emergency Luminaires

LifeGuard LG1LP

An LED recessed downlight powered by LiFePO₄ WER technology. The lithium iron phosphate battery powering the LifeGuard along with LED technology provides an efficient and environmentally friendly solution.



LiFePO₄ WER

Features and Benefits

- Available in black – include “/B” suffix into part number
- LiFePO₄ battery including integrated Battery Management System (BMS)
- In built Sentinel automatic self testing capability
- Ultra-bright high performance 3W LED
- Single LED with D40 emergency classification
- Complete with flex and plug for easy installation
- Versatile two-piece disc with both large (150mm) and small disc (85mm)
- For sub-zero applications a remote box version is available upon request (weatherproof version only)
- Designed and manufactured in accordance to AS/NZS 2293



		LG1LP	LG1LP/SM	LG1LP/CYL	LG1LP/WP
Input	Operating Voltage / Frequency	230V / 50Hz			
Output	Light Source	LED			
	Function	Non-maintained			
	Power Consumption	6W			
Battery	Type	LiFePO ₄			
	Charger	Variable current CV			
	Protection	Overcharge and low voltage disconnect			
	Emergency Runtime	2 hours*			
Physical	IP Classification	IP20	IP20	IP20	IP65
	IK Rating	N/A	N/A	N/A	IK 07
	Weight	1.3kg	3.0kg	3.0kg	2.0kg
	Dimensions (LxWxH)	150 / 85mm (Dia.)	300x185x60mm	255x133mm	240x190x110mm
	Construction	Flame retardant glass-filled ABS	Powder-coated sheet metal	Powder-coated aluminium	ABS
Installation	Mounting	Recessed	Surface	Surface	Surface
Environment	Temperature	0°C - 40°C Ambient			
	Relative Humidity	0 - 95%			
Conformance	C0	D40			
	C90	D40			
	Standards	AS/NZS 2293, AS/NZS 60598, AS/NZS CISPR15			
Intelligence	Sentinel	In-built			
	WiNetRF	Compatible			
Warranty	Duration	Fitting: 5 Years / Battery: 3 Years			

*Guaranteed to meet runtime requirements of AS/NZ 2293 throughout warranty duration.

ACCESSORY	DESCRIPTION
31611	Replacement Battery to suit LG1LP and variations

SPACING TABLE	MOUNTING HEIGHT (m)						
NATA Classification	2.1	2.4	2.7	3	3.6	4	5
C0 – D40 (m)	16.7	17.4	18.0	18.6	19.6	20.1	21.3
C90 – D40 (m)	16.7	17.4	18.0	18.6	19.6	20.1	21.3

*Refer to AS/NZ 2293 for complete spacing table.