

## Exit and Emergency Luminaires

### LifeGuard LG1LP

An LED recessed downlight powered by LiFePO<sub>4</sub> WER technology. The lithium iron phosphate battery powering the LifeGuard along with LED technology provides an efficient and environmentally friendly solution.



**LiFePO<sub>4</sub> WER™**

#### Features and Benefits

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

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

ACCESSORY	DESCRIPTION
<b>31611</b>	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.