

Exit and Emergency Luminaires

LightSaver Batten

An energy-efficient, lighting solution that is reliable, environmentally sustainable and robust to suit a diverse range of end user applications and environments.

Features and Benefits

- LiFePO₄ WER technology
- 10 year design life Lithium Iron Phosphate Battery
- High performance LED light source for reliability and efficiency
- Optional Microwave Dimming Motion Sensor and daylight sensors
- Compatible with WiNetRF Central Monitoring and Sentinel Self-testing
- Innovative energy efficient LED-driver technology for low standby power consumption and high illumination
- Unique tube-like design with shatter-proof polycarbonate light diffuser
- Fully tested and approved in accordance to AS/NZS 2293



COMPATIBLE

Light  Saver
LiFePO₄ WER



		LB12LS	LB22LS	LB14LS	LB24LS
Input	Voltage / Frequency	230V / 50Hz			
Output	LED Array	1x600mm	2x600mm	1x1200mm	2x1200mm
	Light Source	LED (5700K)			
	Lumen Output (Emergency mode)	820lm	1171lm	1337lm	2452lm
	Function	Maintained / non-maintained / switched			
	Power Consumption (LEDs)	9.6W	19.2W	19.2W	38.4W
	Power Consumption (Standby)	3W	6W	6W	12W
Battery	Type	LiFePO ₄			
	Charger	Variable current CV			
	Protection	Short circuit, overcharge and low voltage disconnect, thermal cut-off			
	Emergency Runtime	2 hours*			
Physical	IP Classification	IP20			
	Weight	3.5kg	3.75kg	3.75kg	4.0kg
	Dimensions (LxWxH)	620x125x65mm	620x125x65mm	1225x125x65mm	1225x125x65mm
	Construction	Full anodised aluminum, powder-coated white			
Environment	Temperature	0°C - 40°C			
	Relative Humidity	0 - 95%			
Installation	Mounting	Surface. Wall and Ceiling.			
Conformance	C0	D125	D200	D200	D400
	C90	D63	D80	D100	D200
	Standards	AS/NZS 2293, AS/NZS 60598, AS/NZS CISPR15			
Intelligence	Sentinel	Compatible			
	WiNetRF	Compatible			
	Motion Sensor	Compatible. Microwave Dimming.			
Warranty	Duration	Fitting: 5 Years / Battery: 3 Years			

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

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LightSaver Battens



COMPATIBLE

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LiFePO₄WER™

SPACING TABLE		MOUNTING HEIGHT (m)					
NATA Classification	2.1	2.4	2.7	3	3.6	4	5
LB12LS (Bare)							
C0 – D125 (m)	24.5	25.6	26.6	27.5	29.1	30.1	32.2
C90 – D63 (m)	19.4	20.3	21.1	21.8	23.0	23.7	25.2
LB12LS + D20 (Diffused)							
C0 – D100 (m)	22.7	23.7	24.6	25.5	27.0	27.9	29.8
C90 – D25 (m)	14.2	14.7	15.3	15.7	16.5	16.9	17.7
LB22LS (Bare)							
C0 – D200 (m)	28.6	29.9	31.1	32.2	34.2	35.3	37.9
C90 – D80 (m)	21.1	22.0	22.8	23.6	25.0	25.8	27.5
LB22LS + D20 (Diffused)							
C0 – D160 (m)	26.6	27.8	28.9	29.9	31.7	32.8	35.1
C90 – D32 (m)	15.4	16.1	16.7	17.2	18.0	18.5	19.5
LB12LSWP							
C0 – D100 (m)	22.7	23.7	24.6	25.5	27.0	27.9	29.8
C90 – D25 (m)	14.2	14.7	15.3	15.7	16.5	16.9	17.7
LB22LSWP							
C0 – D160 (m)	26.6	27.8	28.9	29.9	31.7	32.8	35.1
C90 – D40 (m)	16.7	17.4	18.0	18.6	19.6	20.1	21.3

LB14LS (Bare)							
C0 – D200 (m)	28.6	29.9	31.1	32.2	34.2	35.3	37.9
C90 – D100 (m)	22.7	23.7	24.6	25.5	27.0	27.9	29.8
LB14LS + D40 (Diffused)							
C0 – D160 (m)	26.6	27.8	28.9	29.9	31.7	32.8	35.1
C90 – D40 (m)	16.7	17.4	18.0	18.6	19.6	20.1	21.3
LB24LS (Bare)							
C0 – D400 (m)	36.0	37.6	39.2	40.6	43.1	44.6	48.0
C90 – D200 (m)	28.6	29.9	31.1	32.2	34.2	35.3	37.9
LB24LS + D40 (Diffused)							
C0 – D320 (m)	33.4	35.0	36.4	37.7	40.0	41.4	44.5
C90 – D80 (m)	21.1	22.0	22.8	23.6	25.0	25.8	27.5
LB14LSWP							
C0 – D200 (m)	28.6	29.9	31.1	32.2	34.2	35.3	37.9
C90 – D50 (m)	18.0	18.7	19.4	20.1	21.2	21.8	23.2
LB24LSWP							
C0 – D400 (m)	36.0	37.6	39.2	40.6	43.1	44.6	48.0
C90 – D100 (m)	22.7	23.7	24.6	25.5	27.0	27.9	29.8

