

**ECONOMICAL  
& RELIABLE**



**BWP ECO LED EMERGENCY  
WEATHERPROOF BATTEN**  
COMPLETE WITH LITHIUM IRON PHOSPHATE BATTERY

The BWPECO LED Emergency Weatherproof Batten has been designed to achieve higher emergency classification complete with Lithium Iron Phosphate battery.



# BWP ECO LED EMERGENCY WEATHERPROOF BATTEN

## COMPLETE WITH LITHIUM IRON PHOSPHATE BATTERY

The perfect energy-efficient LED lighting solution for replacing conventional fluorescent emergency weatherproof luminaires. Ideal for industrial environments that require protection against moisture and dust. Available in multiple configurations.

### FEATURES

- Energy efficient LED weatherproof emergency luminaire AS/NZS 2293 compliant
- Maintained Emergency operation
- Ingress Protection IP65 LED Batten
- Light grey colour polycarbonate body
- Replaceable Lithium Iron Phosphate (LiFePO4) battery
- Available in multiple sizes and wattages: 655mm & 1265mm (20W), 1265mm (45W) and 1565mm (60W)
- Rated average lamp life 50,000 hrs @ L70
- Emergency Operation: Manual test
- Clip-in modular gear tray with safety lanyards for easy installation and maintenance
- Supplied with stainless steel mounting clips for easy installation, which are designed to allow suspension mounting
- Available in 4000K or 6000K colour temperatures

### BENEFITS

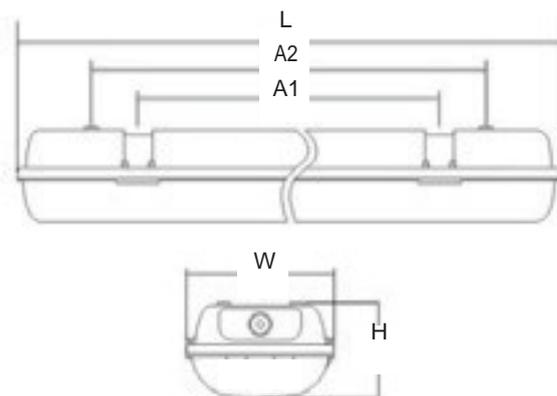
- Perfect LED solution for replacing conventional fluorescent weatherproof Emergency Luminaires
- 3 year warranty including battery
- New, longer lasting Lithium Iron Phosphate battery

### SPECIFICATIONS

- Voltage: 240v
- Power Factor: >0.90
- Ingress Protection: IP65
- Impact Rating: IK08
- Ambient Temperature: -10°C to 40°C
- Colour rendering index: >80
- Efficacy: 100 lumens /watt
- Construction material: Robust polycarbonate body with durable foam seal and frosted prismatic polycarbonate lens
- Mounting: ceiling or wall mount
- Dimmable: No
- LED Life: 50,000 hrs @ L70
- Emergency Operation: Manual Test
- Classification:
  - BWPECO202E6M & BWPECO202E4M:  
C0/C180 :D40 & C90/C270 :D25
  - BWPECO204E4E4M, BWPECO454E4M,  
BWPECO454E6M, BWPECO605E4M  
& BWPECO605E6M  
C0/C180 :D63 & C90/C270 :D50

### APPLICATION

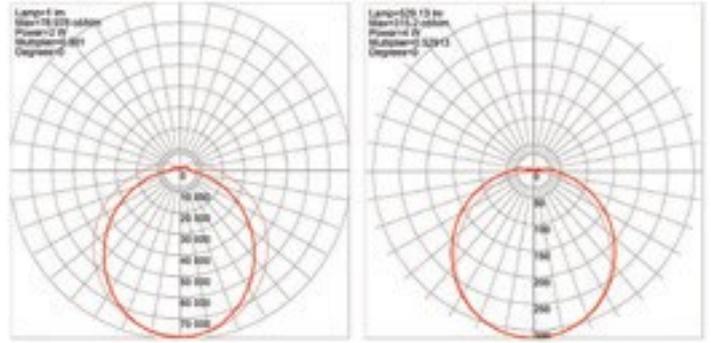
Ideal for multi-storey car parks, light commercial spaces, temporary lighting requirements, wash bays and covered



VERSION	L (mm)	W (mm)	H (mm)	A1 CLIPS (mm)	A2 (mm)
2FT	655	130	92	420	530
4FT	1265	130	92	900	1010
5FT	1565	130	92	1000	1110

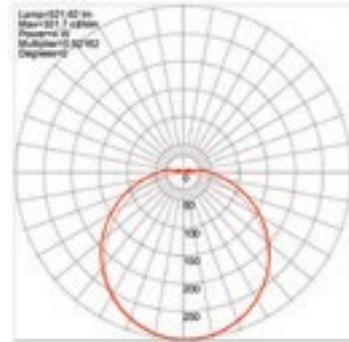
security applications

# POLAR GRAPH EMERGENCY MODE



BWPECO EMERGENCY MODE 2FT 2W 4000K  
4W 4000K

BWPECO EMERGENCY MODE 4FT



BWPECO EMERGENCY MODE 5FT 4W 4000K

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**BWPECO202E6M & BWPECO202E4M AS/NZS 2293.1:2018 CLASSIFICATION TABLE**

ALLOWABLE LUMINAIRE MOUNTING HEIGHT (M)	LUMINAIRE MAXIMUM SPACING FOR EACH PLANE (M)		
	C0	C90/C270	C180
2.1	11.5	11.5	11.5
2.4	13.2	13.2	13.2
2.7	14.8	14.8	14.8
3	16.5	15.7	16.5
3.3	18.1	16.1	18.1
3.6	19.5	16.4	19.5
4	20.1	16.8	20.1
4.5	20.7	17.3	20.7
5	21.2	17.6	21.2
6	22.1	18.1	22.1
7	22.6	18.3	22.6
8	23	18.2	23
9	23.1	17.8	23.1
10	23	17.2	23
15	0	0	0

**BWPECO454E4M, BWPECO454E6M, BWPECO605E4M & BWPECO605E6M AS/NZS 2293.1:2018 CLASSIFICATION TABLE**

ALLOWABLE LUMINAIRE MOUNTING HEIGHT (M)	LUMINAIRE MAXIMUM SPACING FOR EACH PLANE (M)		
	C0	C90/C270	C180
2.1	11.5	11.5	11.5
2.4	13.2	13.2	13.2
2.7	14.8	14.8	14.8
3	16.5	16.5	16.5
3.3	18.1	18.1	18.1
3.6	19.8	19.8	19.8
4	22	21.8	22
4.5	24.5	22.5	24.5
5	25.2	23.1	25.2
6	26.4	24.1	26.4
7	27.3	24.9	27.3
8	28	25.4	28
9	28.5	25.7	28.5
10	28.8	25.8	28.8
15	27.9	23.6	27.9

PRODUCT CODE	COL-OUR TEMP	WATTAGE (NON-EMERGENCY MODE)	LUMENS (NON-EMERGENCY MODE)	WATTAGE (EMERGENCY MODE)	LUMENS (EMERGENCY MODE)	EMERGENCY CLASSIFICATION	BATTERY SPECIFICATION	DIMENSION (MM)	WEIGHT (KG)
BWPECO202E4M	4000K	20W	2000lm	2W	287lm	C0/C180:D40 C90/C270:D25	LiFePO4 6.4V 1.5AH	92x130 x655	1.2
BWPECO202E6M	6000K	20W	2000lm	2W	287lm	C0/C180:D40 C90/C270:D25	LiFePO4 6.4V 1.5AH	92x130 x655	1.2
BWPECO454E4M	4000K	45W	4500lm	4W	529lm	C0/C180:D63 C90/C270:D50	LiFePO4 6.4V 3.0AH	92x130 x1265	2.1
BWPECO454E6M	6000K	45W	4500lm	4W	516lm	C0/C180:D63 C90/C270:D50	LiFePO4 6.4V 3.0AH	92x130 x1265	2.1
BWPECO605E4M	4000K	60W	6000lm	4W	521lm	C0/C180:D63 C90/C270:D50	LiFePO4 6.4V 3.0AH	92x130 x1565	2.7
BWPECO605E6M	6000K	60W	6000lm	4W	498 lm	C0/C180:D63 C90/C270:D50	LiFePO4 6.4V 3.0AH	92x130 x1565	2.7
BWPECO204E4M	4000K	20W	2000lm	4W	516lm	C0/180:D63 C90/C270:D50	LiFePO4.6V 3.0AH	92x130 x1265	2.1

**240V**

**ta40**


**50,000 HOURS**  
RATED AVERAGE DESIGN LIFE\*

**3**  
YEAR WARRANTY\*  
INCLUDING BATTERY


**IP65 RATED**



\*Rated LED design life where stated is based upon application of PIERLITE's operating and maintenance guidelines; see [www.gerardlighting.com.au](http://www.gerardlighting.com.au). Actual product life may vary dependent upon frequency of maintenance and product application. Due to continual product improvement, information is subject to change without notification. Gerard Lighting Pty Ltd standard Terms and Conditions apply.

