



ENERGY SAVING LUMINAIRE

PIERLITE BWP ECO LED

The BWP ECO LED series offers an efficient and effective solution for industrial environments that require protection against moisture and dust. This luminaire is designed to offer a balance between value and efficiency. With energy efficient LED chips and design our customers will achieve significant energy saving and reduce the negative impact to the environment.



View how the ECO LED Weatherproof batten compares against traditional T8 batten.

TECHNOLOGY	LED	FLOUROSCENT
Model	PIERLITE ECO LED WEATHERPROOF BATTEN (BWPECO454E4)	Pierlite BWP/T8 Batten (BWP/T236EL)
Power	45W	72W
Lumen Output	4,500 lm	6,700 lm
Number of luminaires required	20	
TOTAL KILOWATTS OF POWER USED	0.9	1.4
COST OF ELECTRICITY PER YEAR	\$1,156.68	\$1,850.69
*Savings on lighting electricity cost per year	\$694.01	
*Savings on lighting electricity cost every 3 years	\$2,082.03	
IMPACT TO THE ENVIRONMENT		
Reduced electricity usage (kW)	2,313	
Coal consumption reduction (tonnes)	0.9	
Carbon Dioxide release resuction (tonnes)	6,616	

PRODUCT SPECIFICATION	
Wattages	20W, 22W, 45W
Lumen	2000lm, 2200lm, 4500lm
Colour Temp	4000K, 6500K
IP/IK Rating	IP65, IK08
Dimmable	No
Finish	Grey UV stabilised
Warranty	3 year

Code	WATTAGE	LUMEN	COLOUR TEMPERATURE	DIMENSION HxWxL (mm)
BWPECO202E4	20W	2000lm	4000K	92 x 130 x 655
BWPECO202E6	20W	2000lm	6500K	92 x 130 x 655
BWPECO224E6	22W	2200lm	6500K	92 x 89 x 1265
BWPECO224E4	22W	2200lm	4000K	92 x 89 x 1265
BWPECO454E6	45W	4500lm	6500K	92 x 130 x 1265
BWPECO454E4	45W	4500lm	4000K	92 x 130 x 1265

LED



Above calculation is based on typical operating hours of 4,284 hours based on 51 weeks per year. Average electricity cost per kWh at \$0.30.