

## Welshpool– SOLAR PARK LIGHT 10w



ITEM	DESCRIPTION
Solar Panel	40W Monocrystalline 21% high efficiency
Power Storage	40Ah Maintenance Free Deep Cycle Gel
Light Source	10W Super Bright LED 121lm/w
Light Life	> 50,000
Light Output	9 Lux @ 4 Meters Equivalent to 65W metal halide

### FEATURES:

- High performance LED's- 121Lm/W
- Super bright colour rendering 6000K
- Low working temperature, making them reliable and safe
- Monocrystalline Solar Panel
- Maintenance free deep cycle gel Battery

### BENEFITS:

- Immune to power outages
- No power bill and no expensive grid connection
- Simple installation and operation
- LED Luminaires have a long life of up to 50,000 hours



Single outreach arm



Concrete reinforced



Solar cells 21%



LED Luminaire with  
aluminium heat sink



Double outreach arm

### Application

At PLG we are committed to being Leaders in supplying the latest, most efficient and reliable product and service. PLG Solar Park Lighting has no power bills, no greenhouse emissions and is low maintenance therefore are an economical alternative and cost effective when compared to grid connection.

- Parks and Gardens
- Caravan parks
- Foot Paths
- Jetties and Boat ramps
- Residential Estates
- Venues & conference centre

## Main Technical Parameter

LED Light Model	SINGLE	DOUBLE
Solar Panels	40w	
Power storage	40Ah Maintenance free deep cycle	
Light source	Super bright LED 10w	2x Super bright LED 5w
LED Light Flux	1120Lm	
LED Chip	High Power cree LED	
Colour temperature	Cool white 6000-7000K	
Input voltage	DC 12V, 24V	
(PF) power Factor	>0.97	
LED Efficiency	112LM/watt	
Lamp efficiency	>95%	
IP Grade	Ip65	
Working life	>50000 HRS	
Environmental Temperature	-30°C +55°C	
Light body material	Aluminium alloy spun housing, Acrylic lens.	
Example of uses	Pathway lighting, Caravan parks, Park and Gardens, Small Car parks, Boat ramps, Jetties, Pontoons, Remote areas.	
Height	4.5 meters to panel	

## Light Distribution and Array

10W distribution of Illuminance Intensity

