

# ZRW SOLAR STREET LIGHTING SYSTEM

## Product Name

LED Street Light DC 18Watts 12-24V

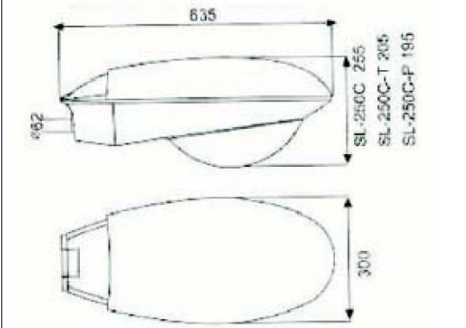
## Description

Light designed for DC Solar and can be used for Highway & intersections, Car parks, Office parks Security and Perimeter lighting

## Technical Specification

Electrical General DC Solar version 18W	
Minimum input Voltage	11 Vdc
Max input Voltage	39Vdc
Power	18Watts
Power Supply Efficiency	97%
Current at 12V	1.5 Amps
Current at 24V	0.75 Amps
Operating Temperature	-30 deg – 50 deg
Electrical Protection	Transients
Thermal Protection	Thermal shut down with Hysteresis
Blast (Standard Version)	Switch Mode with PWM dimming option
Blast (Enhanced Version)	Zigbee RF smart blast Zigbee Home Automation and Smart Energy Compliant <b>(In Development)</b>
General Light Performance	
Lumens	1600 lumens
CRI index	70
Colour Temperature	6000K
Light Source	Leds
Dimensions	
Length	635mm
Height	300mm
Mass	4.6Kg
Spigot	62mm
Construction	
Body	Aluminum
Cover	4mm Glass
IP rating	IP65
	SANS 60598- 2-3:2001 (IEC60598-2-3:2001) SANS 60598-1 :1999 and SANS 475:2006
Construction	2 Piece High Pressure Die Cast Body
Installation	Standard side or bottom installation.

Revision 1.3  
Date Last Revision 20/04/2010



- Hassle & Maintenance Free Operation
- Clean, green and safe power usage- offgrid
- Easy to Install without wiring or trenches
- Clean, safe and efficient power from the sun
- Powerful 100W Crystalline solar panel
- 105AH/12V Deep Cycle Battery
- Swivel mounting bracket for optimal sunlight
- Powder coated anti-theft battery cage
- Provides up to 12 hours lighting per night
- Up to 48 hours standby time in case of bad light
- Hot Dipped Galvanised SABS-approved Pole
- Made for the African Conditions including South African Components
- Latest Powerful 18W LED technology- last up to 100 000 hrs
- Phocos solar regulator with built in radio control for on-ground light intensity adjustment



Pictures of products on packaging are for indicative purposes and may change without notification due to on-going product development



Copyright reserved ZRW Mechanika  
T&C Apply

