

ZRW SOLAR STREET LIGHTING SYSTEM

Product Name
LED Street Light DC 18Watts 12-24V

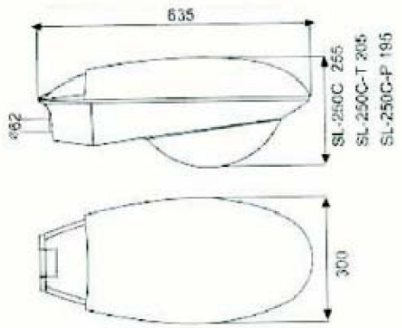
Revision 1.3
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Description
Light designed for DC Solar and can be used for Highway & intersections, Car parks, Office parks Security and Perimeter lighting



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 (In Development) |
| 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. |



- 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



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