

## 30W X 2 Solar Street Light

Model - SFSOLST30X2UNI-LI



The Sunfor Universal Solar street light is slimline, compact and aesthetically pleasing which incorporates all components together in modern and robust design. This model is supplied with a 30w x 2 Litup COB LED with a lumen output of 151lm/w.

5Hrs 100%, 8Hrs 70%

Distribution is an Asymmetrical batwing design.

The battery is designed for 13Hrs with 2 nights of reserve and requires 5 hours to replenish.

Each model is supplied with lasercut lettering into the cradle which can be used to highlight, name of place, street / road or place of interest.

Lithium Ferro Phosphate Lifepo4 battery with an 8 year life cycle.

Different luminaire options with multiple lens configurations

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|  |   |                               |
|--|---|-------------------------------|
| <b>LIGHT</b>   | Power   | 30W X 2                       |
|  | LED   | Litup                         |
|  | IP Rating   | IP 65                         |
|  | Flux @ CCT 5700 - 6000K   | 4530lm X 2                    |
|  | CRI - Colour Rendering Index  | 80                            |
|  | Optical control   | Glass Lens                    |
|  | Average Lifespan  | 8 years                       |
|  | Operating temperature   | -30 Deg ~ + 45 Deg            |
|  | Mounting height   | 6 meter above surface         |
|  | Beam angle  | Assymerical batwing 140 x 80  |
|  | Lumen per watt  | 151                           |
|  | Pole to pole distance   | 30 - 32 meters                |
| <b>BATTERY</b>   | Lithium Ferro Phosphate   | Sharp                         |
|  | Voltage   | 25.6v                         |
|  | Watt Hours  | 1385Wh                        |
|  | Lifespan  | 2000 cycles                   |
| <b>SOLAR PANEL</b>   | Power   | 240w                          |
|  | Voltage   | 36v                           |
|  | Maximum current   | 6.67Amp                       |
| <b>CONTROLLER</b>  | Charging method   | MPPT                          |
|  | Dimming parameters  | 100 / 70 / 50 & 30%           |
|  | Day night sensor  | Integrated Day / Night sensor |
|  | Lighting parameters   | 4 stage programmable          |
|  | Electrical parameters   | Temperature compensation      |
| Overheating, overcharging and over discharging protections |   |                               |
| <b>BATTERY CRADLE AND ENCLOSURE</b>                        | Aluzinc and powder coated Manufactured in an SABS approved facility with ISO 9001<br>3CR12 Stainless steel optional |                               |
| <b>POLE</b>  | Galvanized with an option to powder coat - 7m (127mm - 114 collar)  |                               |
| <b>WARRANTY</b>  | 3 years on all components - option to extend  |                               |