

80W Solar Flood light

Model - SFSOLFL80UNI2-LI



The UNI2 Solar flood light is slimline, compact and aesthetically pleasing which incorporates all components together in a modern and robust design. This model is supplied with a 80w Philips SMD LED with a lumen output of 130lm/w. Distribution is a 120 degrees. The battery is designed for 13Hrs with 3 nights of reserve and requires 5 hours to replenish. Designed to operate for 13 hours per night with Smart 365 technology ensuring your light runs all year. Choice of LED luminaires ranging from 130 --140 lumens per watt. Multiple LED luminaire options for different lighting applications with lens options This model can be supplied with single or multiple solar panels - local stock dependent

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|--|---|-------------------------------|
| LIGHT | Power | 80W |
| | LED | Philips |
| | IP Rating | IP 65 |
| | Flux @ CCT 5700 - 6000K | 10400 |
| | CRI - Colour Rendering Index | 80 |
| | Optical control | Glass Lens |
| | Average Lifespan | 8 years |
| | Operating temperature | -30 Deg ~ + 45 Deg |
| | Mounting height | 8 - 9 meter above surface |
| | Beam angle | 120 degrees |
| | Lumen per watt | 130 |
| | Pole to pole distance | 30 meters |
| BATTERY | Lithium Ferro Phosphate | Sharp |
| | Voltage | 25.6v |
| | Watt Hours | 1843Wh |
| | Lifespan | 2000 cycles |
| SOLAR PANEL | Power | 370w |
| | Voltage | 72v |
| | Maximum current | 9.5 Amp |
| CONTROLLER | 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 | | |
| BATTERY CRADLE AND ENCLOSURE | A Grade steel treated with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 - 3CR12 stainless optional | |
| POLE | Galvanized with an option to powder coat - 9.2m (127 - 114mm collar) | |
| WARRANTY | 3 years on all components - option to extend | |

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Warranty

LED Luminaire -5 years LED, 10 years on housing
Electronics including battery - 3 years - option to extend
Pole - 10 years workmanship
Solar panel - Tier 1 - 12 years, 25 years performance