10W Solar LED Flood light Model SSLASOLFL10UNI-LI





- Integrated Battery Design
- Highpower & Robust
- Lithium-Ion Technology
- Alu Zinc / Stainless Steel
- Different Colour Options
- Made in South Africa

The Universal Solar flood light is a slimline, compact and aesthetically pleasing which incorporates all components together classed as in integrated design.

This model is supplied with a 10w Philips SMD LED flood with a lumen output of 150lm/w.

Lighting parameters are based on 13 hours per night for your longest winter night to operate 365 days per year with intelligent Smart 365 Solar controller tchnology.

Full power with intelligent mode or 5Hrs @ 100% power & 8Hrs @ 70% Light distribution options are 30, 45, 60, 90 & 110 degrees.

The battery is designed for over 24 hours at full charge with 3 days back up.

Battery requires 4 - 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 or company name for branding purposes.

Our standard LED brand options are, Philips or Cree SMD LEDS.

Standard warranties on components

LEDS 5 years

Electronics 3 years

Solar panels 25 years

Poles 10 years workmanship

Battery boxes / cradles 3 years

All components have an option to extend its warranties.

Local content 60 - 70%

SPECIFICATIONS

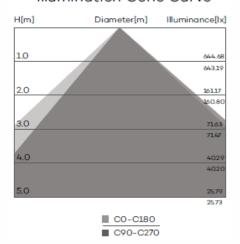
| LIGHT LI | | POWER | 10W |
|--|----------------|---|-------------------------------------|
| FLUX @ CCT 5000k 1300 lumen WARRANTY 5 years CRI 70 / 80 OPTICAL CONTROL PMMA Lenses & glass AVERAGE LIFE SPAN 10 years OPERATING TEMPERATURE -30 Deg~ + 45 Deg MOUNTING HEIGHT 3 - 4m above ground BEAM ANGLE 30, 60, 90 & 110 degrees POLE TO POLE DISTANCE 14 - 15 meters LITHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE 12.8V CYCLES 2000 - 4000 RATED POWER 50w Poly VOLTAGE AT MAX POWER 18V CURRENT AT MAX POWER 18V CURRENT AT MAX POWER 2.78Amp CHARGE TYPE PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments | LIGHT | LED | Philips Lumileds |
| LIGHT WARRANTY CRI OPTICAL CONTROL AVERAGE LIFE SPAN OPERATING TEMPERATURE BEAM ANGLE POLE TO POLE DISTANCE LITHIUM FERRO PHOSPHATE LITHIUM FERRO PHOSPHATE VOLTAGE CAPACITY CYCLES SOLAR PANEL CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS ALICH TIME SENSORS LIGHTING PARAMETERS ALICH TIME SENSORS LIGHTING PARAMETERS ALICH TIME SENSORS ALICH TIME SENSORS LIGHTING PARAMETERS ALICH TIME SENSORS ALIC TIME SE | | IP RATING | IP66 |
| CRI 70 / 80 OPTICAL CONTROL PMMA Lenses & glass AVERAGE LIFE SPAN 10 years OPERATING TEMPERATURE -30 Deg~ + 45 Deg MOUNTING HEIGHT 3 - 4m above ground BEAM ANGLE 30 , 60, 90 & 110 degrees POLE TO POLE DISTANCE 14 - 15 meters LITHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE 12.8V CAPACITY 230.4Wh CYCLES 2000 - 4000 RATED POWER 50w Poly VOLTAGE 18V CURRENT AT MAX POWER 18V CURRENT AT MAX POWER 2.78Amp CHARGE TYPE PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable ELECTRICAL PROTECTION Overheating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments | | FLUX @ CCT 5000k | 1300 lumen |
| OPTICAL CONTROL AVERAGE LIFE SPAN OPERATING TEMPERATURE OPERATING TEMPERATURE MOUNTING HEIGHT BEAM ANGLE POLE TO POLE DISTANCE LITHIUM FERRO PHOSPHATE CAPACITY CYCLES SOLAR PANEL CONTROLLER CONTROLLER BRACKETING AND BATTERY BRACKETING AND BATTERY BOXES CAPACITY CAPACITON CAPACITY CONTROLLER CONTRO | | WARRANTY | 5 years |
| OPTICAL CONTROL AVERAGE LIFE SPAN OPERATING TEMPERATURE OPERATING TEMPERATURE OPERATING TEMPERATURE 30 Degr + 45 Deg MOUNTING HEIGHT 3 - 4m above ground BEAM ANGLE OUT POLE DISTANCE LITHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE CAPACITY CYCLES CAPACITY CYCLES DIMMING CURRENT AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS BRACKETING AND BATTERY BOXES POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | CRI | 70 / 80 |
| OPERATING TEMPERATURE MOUNTING HEIGHT BEAM ANGLE POLE TO POLE DISTANCE LITHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE CAPACITY CYCLES RATED POWER SOLAR PANEL CONTROLLER CONTROLLER BRACKETING AND BATTERY DIM MING BRACKETING AND BATTERY OPERATING TEMPERATURE MOUNTING HEIGHT 3-30 Deg* + 45 Deg 30 , 60, 90 & 110 degrees 14 - 15 meters LIFEPO4 12.8V 230.4Wh 230.4Wh 2000 - 4000 50w Poly VOLTAGE Town Poly VOLTAGE AT MAX POWER CURRENT AT MAX POWER 18V CURRENT AT MAX POWER 18V CURRENT AT MAX POWER 18V CHARGE TYPE PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 DAY NIGHT SENSORS Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments FOLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | OPTICAL CONTROL | PMMA Lenses & glass |
| MOUNTING HEIGHT BEAM ANGLE POLE TO POLE DISTANCE LITHIUM FERRO PHOSPHATE LITHIUM FERRO PHOSPHATE VOLTAGE CAPACITY CYCLES RATED POWER SOLAR PANEL CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS A stage Programmable LIGHTING PARAMETERS AND BATTERY BRACKETING AND BATTERY BOXES MOUNTING HEIGHT 3 - 4m above ground 14 - 15 meters 12.8V 230.4Wh COPOL A000 POWP ON Poly VOLTAGE FOW Poly VOLTAGE AT MAX POWER 18V 2.78Amp PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments FOLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | AVERAGE LIFE SPAN | 10 years |
| BEAM ANGLE POLE TO POLE DISTANCE 14 - 15 meters LITHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE CAPACITY CYCLES 2000 - 4000 RATED POWER VOLTAGE AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS A stage Programmable LIGHTING PARAMETERS A stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | OPERATING TEMPERATURE | -30 Deg~ + 45 Deg |
| POLE TO POLE DISTANCE ILTHIUM FERRO PHOSPHATE LIFEPO4 VOLTAGE CAPACITY CYCLES RATED POWER VOLTAGE AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS A stage Programmable LIGHTING PARAMETERS A stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | MOUNTING HEIGHT | 3 - 4m above ground |
| BATTERY LITHIUM FERRO PHOSPHATE VOLTAGE CAPACITY CYCLES RATED POWER FOURTH AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS A stage Programmable LIGHTING PARAMETERS A ltage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE LIGHTING PARAMETERS Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments | | BEAM ANGLE | 30 , 60, 90 & 110 degrees |
| BATTERY VOLTAGE CAPACITY CYCLES 2000 - 4000 RATED POWER SOLAR PANEL RATED POWER VOLTAGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS LIGHTING PARAMETERS BRACKETING AND BATTERY BOXES VOLTAGE AT MAX POWER 18V 2.78Amp CHARGE TYPE PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | POLE TO POLE DISTANCE | 14 - 15 meters |
| CAPACITY CYCLES 2000 - 4000 RATED POWER 50W Poly VOLTAGE AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections BRACKETING AND BATTERY BOXES Galvanized steel ,3m pole with flood light collar - 76 - 60mm | BATTERY | LITHIUM FERRO PHOSPHATE | LIFEPO4 |
| CAPACITY CYCLES 2000 - 4000 RATED POWER 50w Poly VOLTAGE AT MAX POWER 18V CURRENT AT MAX POWER CHARGE TYPE PWM Smart 365 DIMMING DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | VOLTAGE | 12.8V |
| RATED POWER VOLTAGE AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS LIGHTING PARAMETERS BRACKETING AND BATTERY BOXES RATED POWER CURRENT AT MAX POWER 2.78Amp PWM Smart 365 Intelligent IC - 100 / 70 / 50 / 30 Intelligent IC - 100 / 70 / 50 / 30 DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | CAPACITY | 230.4Wh |
| SOLAR PANEL VOLTAGE AT MAX POWER CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS LIGHTING PARAMETERS BRACKETING AND BATTERY BOXES POLE VOLTAGE AT MAX POWER 18V 2.78Amp PWM Smart 365 DIMMING Intelligent IC - 100 / 70 / 50 / 30 Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over heating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | CYCLES | 2000 - 4000 |
| CURRENT AT MAX POWER CHARGE TYPE DIMMING DAY NIGHT SENSORS LIGHTING PARAMETERS LIGHTING PARAMETERS ELECTRICAL PROTECTION BRACKETING AND BATTERY BOXES CONTROLLER CHARGE TYPE PWM Smart 365 Intelligent IC - 100 / 70 / 50 / 30 Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | SOLAR PANEL | RATED POWER | 50w Poly |
| CHARGE TYPE DIMMING DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over heating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE CHARGE TYPE PWM Smart 365 Intelligent IC - 100 / 70 / 50 / 30 Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over heating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | VOLTAGE AT MAX POWER | 18V |
| CONTROLLER DIMMING DAY NIGHT SENSORS Integrated into controller LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | CURRENT AT MAX POWER | 2.78Amp |
| DAY NIGHT SENSORS LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE DAY NIGHT SENSORS Integrated into controller 4 stage Programmable IP 68, Temperature compensation Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | CONTROLLER | CHARGE TYPE | PWM Smart 365 |
| CONTROLLER LIGHTING PARAMETERS 4 stage Programmable IP 68, Temperature compensation Overheating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | DIMMING | Intelligent IC - 100 / 70 / 50 / 30 |
| ELECTRICAL PROTECTION IP 68, Temperature compensation Overheating, overcharging and Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | DAY NIGHT SENSORS | Integrated into controller |
| BRACKETING AND BATTERY BOXES Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | LIGHTING PARAMETERS | 4 stage Programmable |
| Over discharging protections Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | | IP 68, Temperature compensation |
| Alu Zinc and powder coated, Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | ELECTRICAL PROTECTION | Overheating, overcharging and |
| Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | | Over discharging protections |
| Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | Alu Zinc and nowder coated | |
| 3CR12 Stainless steel optional for coastal environments POLE Galvanized steel ,3m pole with flood light collar - 76 - 60mm | | Manufactured in an SABS approved facility with ISO 9001 | |
| · | | | |
| · | | | |
| | POLE | Galvanized steel ,3m pole with flood light collar - 76 - 60mm | |
| Powder Coating Optional | Powder Coating | Optional | |

10W Solar LED Flood light Model SSLASOLFL10UNI-LI

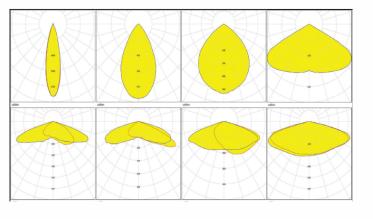
LED Flood



Illumination Cone Curve



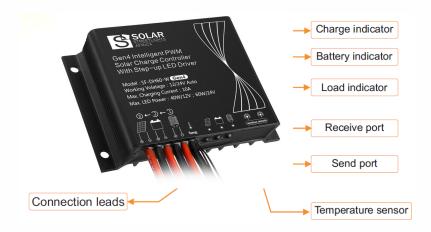
Distribution Curve Flux



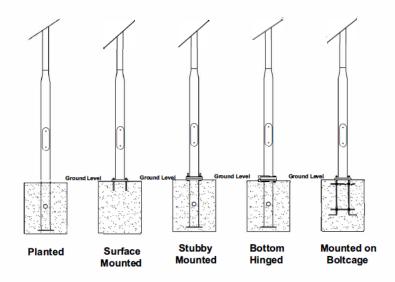
Battery Technology- 3.2V Lithium LIFEPO4 Cells



Solar controller - PWM Intelligent Smart 365



Pole mounting options



Components certifications

LM-79 LM-80 TM21 **IP66 IP68 III**



