150W Solar LED Flood light
Model SSLASOLFL150UNI-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 150w 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 technology.

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 4 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	POWER	150W
	LED	Philips Lumileds
	IP RATING	IP66
	FLUX @ CCT 5000k	19500 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	9M above ground
	BEAM ANGLE	30 , 60, 90 & 110 degrees
	POLE TO POLE DISTANCE	45 meters
BATTERY	LITHIUM FERRO PHOSPHATE	LIFEPO4
	VOLTAGE	25.6V
	CAPACITY	2764Wh
	CYCLES	2000 - 4000
SOLAR PANEL	RATED POWER	540w Mono
	VOLTAGE AT MAX POWER	38.8V
	CURRENT AT MAX POWER	8.58Amp
CONTROLLER	CHARGE TYPE	MPPT Smart 365
	DIMMING	Intelligent IC - 100 / 70 / 50 / 30
	DAY NIGHT SENSORS	Integrated into controller
	LIGHTING PARAMETERS	4 stage Programmable
	ELECTRICAL PROTECTION	IP 68, Temperature compensation
		Overheating, overcharging and
		Over discharging protections
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	
POLE	Galvanized steel ,10m pole with flood light collar - 127 - 114mm	
Powder Coating	Optional	

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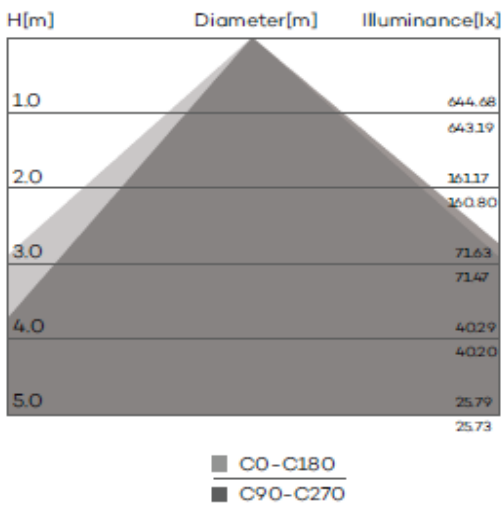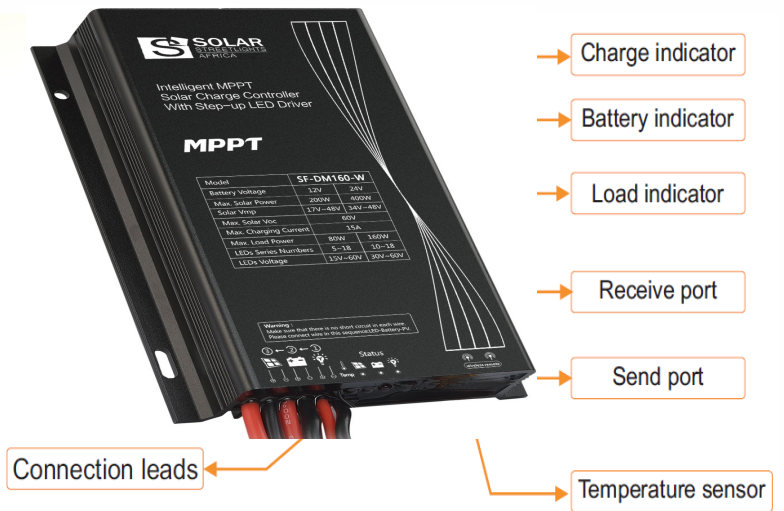# Model SSLASOLFL150UNI-LI

LED Flood

IP66

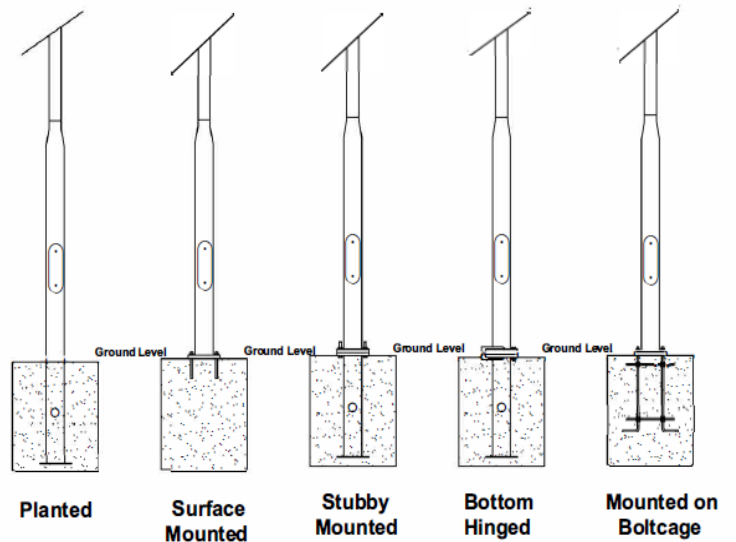## Battery Technology- 3.2V Lithium LIFEPO4 Cells

Illumination Cone Curve

H[m]	Diameter[m]	Illuminance[lx]
1.0		644.68
		643.19
2.0		161.17
		160.80
3.0		71.63
		71.47
4.0		40.29
		40.20
5.0		25.79
		25.73

■ C0-C180
■ C90-C270

Solar controller - MPPT Intelligent Smart 365

- Charge indicator
- Battery indicator
- Load indicator
- Receive port
- Send port
- Connection leads
- Temperature sensor

Distribution Curve Flux

Pole mounting options

Planted   Surface Mounted   Stubby Mounted   Bottom Hinged   Mounted on Boltcage
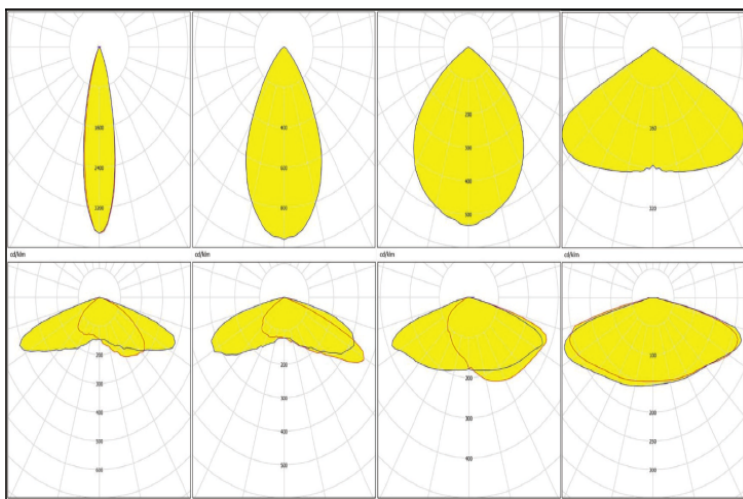
Components certifications

LM-79 LM-80 TM21 **IP66 IP68** IEC ISO 9001