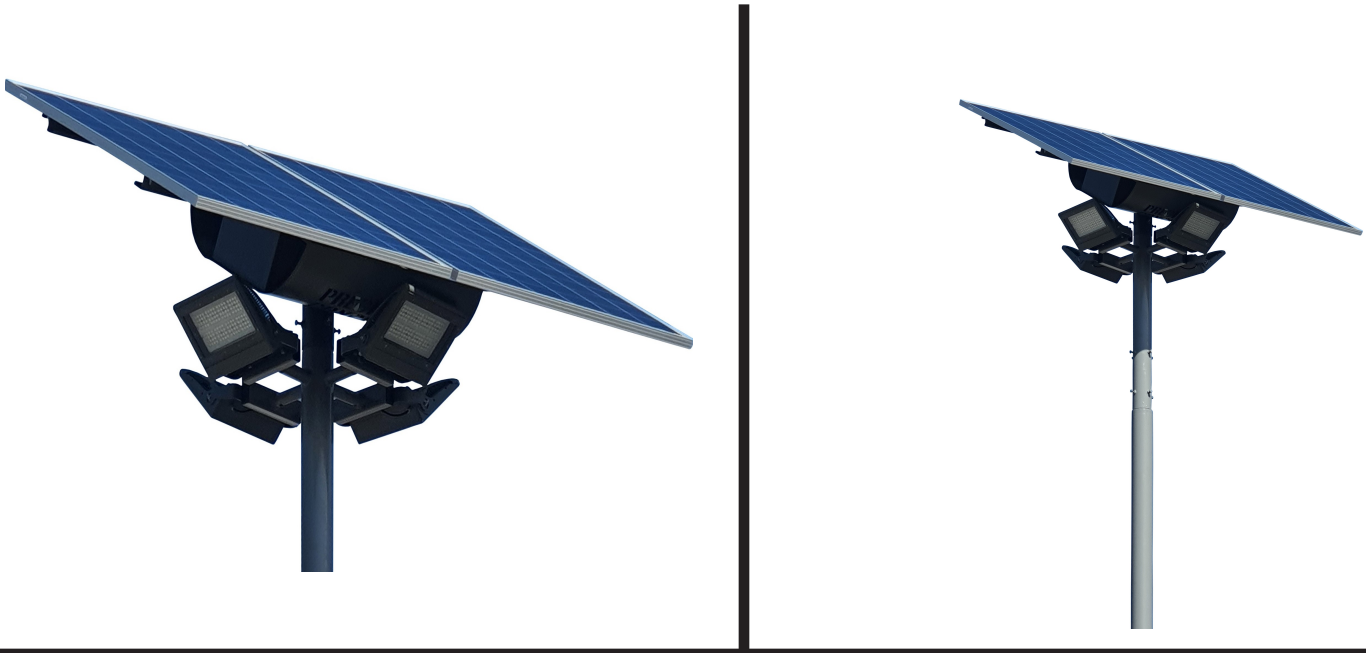


200W Solar LED Flood light - MINI mast
Model SFSOLMM4X50UNI-LI



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 200w Philips SMD LED flood with a lumen output of 130 - 150lm/w.

Lighting parameters are based on 13,5 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 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	POWER	200W - 4 X 50W
	LED	Philips Lumileds
	IP RATING	IP66
	FLUX @ CCT 5000k	28800 lumen
	WARRANTY	5 years
	CRI	70 / 80
	OPTICAL CONTROL	PMMA Lenses & glass
	AVERAGE LIFE SPAN	8 - 10 years
	OPERATING TEMPERATURE	-30 Deg~ + 45 Deg
	MOUNTING HEIGHT	8-12M above ground
BATTERY	BEAM ANGLE	30 , 60, 90 & 110 degrees
	POLE TO POLE DISTANCE	75 meters
	LITHIUM FERRO PHOSPHATE	Sharp / LG
	VOLTAGE	25.6V
	CAPACITY	4300,8Wh
SOLAR PANEL	CYCLES	2000 - 4000
	RATED POWER	540w Mono
	VOLTAGE AT MAX POWER	62.4V
	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 ,8m pole with flood light collar - 127 - 114mm	
Powder Coating	Optional	

200W Solar LED Flood light - MINI mast Model SFSOLMM4X50UNI-LI

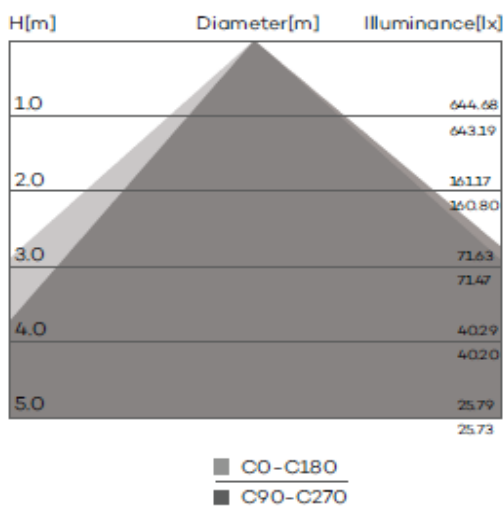
LED Flood



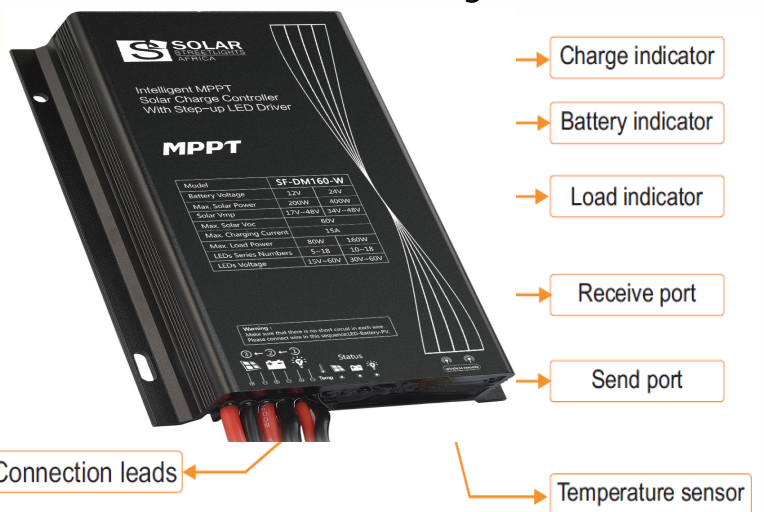
Battery Technology- 3.2V Lithium Phosphate



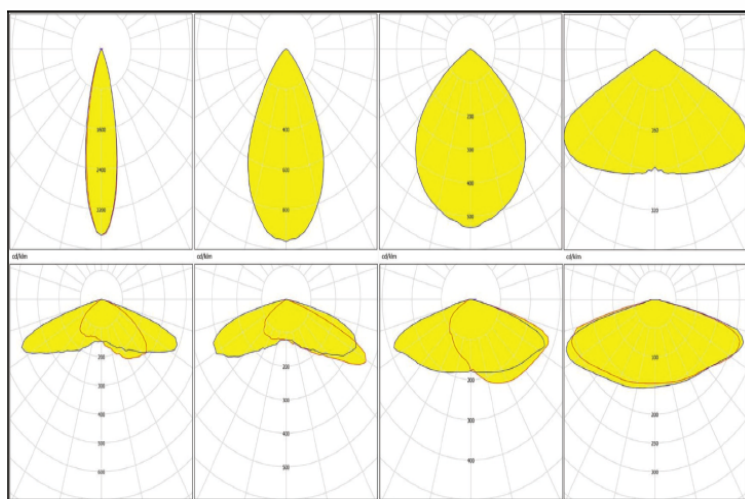
Illumination Cone Curve



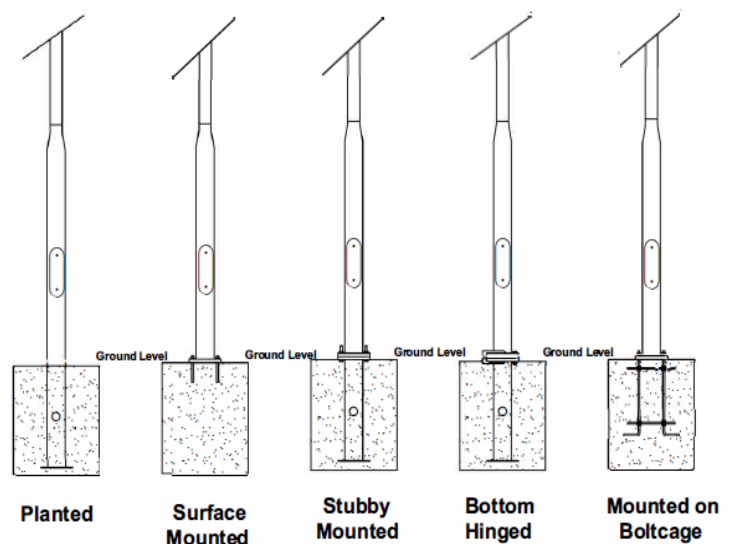
Solar controller - MPPT Intelligent Smart 365



Distribution Curve Flux



Pole mounting options



Components certifications

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