

50w Solar street light

Model - SFSOLST50UNI-LI



The Sunfor Universal Solar street light is slimline, compact and aesthetically pleasing which incorporates all components together in a modern and robust design. This model is supplied with a 50w Cree SMD LED with a lumen output of 150lm/w.

full power with Smart management or 5Hrs 100%, 8Hrs 70% preset for extended battery life or full load and Smart power function activated for 13Hrs per night

Distribution is an Asymmetrical batwing design.

The battery is designed for 13Hrs with 3 nights of reserve and requires 5 hours to replenish.

Warranty

LED Chipset 5 years, LED housing 10 years

Electronics 3 years

Solar panel 10 years, 25 year performance - Tier 1 panels

Poles 10 years workmanship

SUNFOR
TECHNOLOGIES
LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

Model - SFSOLST50UNI-LI

LIGHT	Power	50W
	LED	Cree
	IP Rating	IP 66
	Flux @ CCT 5700 - 6000K	7550lm
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	50 000 hours - 6 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	8 meter above surface
	Beam angle	Asymmetric Batwing 140 x 70
	Lumen per watt	150
	Pole to pole distance	30 meters
	BATTERY	Lithium Ferro Phosphate
Voltage		25.6v
Watt Hours		1038.96Wh
Lifespan		2000 cycles
SOLAR PANEL	Power	180w
	Voltage	36v
	Maximum current Charging	10 Amp
CONTROLLER	method Dimming	MPPT
	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
BRACKETING AND BATTERY BOXES	Alu Zinc with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional	
POLE	Galv with an option to powder coat - 8m (127mm - 114 collar)	
WARRANTY	3 years on all components - option to extend	