

20W Solar street light

Model - SFSOLST20UNI-LI



The Sunfor Universal Solar street light is slimline, compact and aesthetically pleasing which incorporates all components together in modern and robust design. This model is supplied with a 20w Litup COB LED with a lumen output of 151lm/w.

5Hrs 100%, 8Hrs 70%

Distribution is an Asymmetrical batwing design.

The battery is designed for 13Hrs with 2 nights of reserve and requires 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.

Lithium Ferro Phosphate Lifepo4 battery with an 8 year life cycle.

Different luminaire options with multiple lens configurations

SUNFOR 
TECHNOLOGIES
LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

Model - SFSOLST20UNI-LI

LIGHT	Power	20W
	LED	Litup
	IP Rating	IP 65
	Flux @ CCT 5700 - 6000K	3020
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	5 meter above surface
	Beam angle	Asymmetric Batwing 140 x 80
	Lumen per watt	151
	Pole to pole distance	25m
BATTERY	Lithium Ferro Phosphate	Sharp
	Voltage	12.8v
	Watt Hours	462Wh
	Lifespan	2000 cycles
SOLAR PANEL	Power	80w
	Voltage	18v
	Maximum current	4.44 Amp
CONTROLLER	Charging method	PWM
	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	Aluzinc and powder coated Manufactured in an S ABS approved facility with ISO 9001 3CR12 Stainless steel optional	
POLE	Galvanized with an option to powder coat - 6m (101mm - 89 collar)	
WARRANTY	3 years on all components - option to extend	