

## 20W MOTION-SENSING SOLAR STREET LIGHT

# SFSOLBT20



- Integrated Battery Design
- Simplistic
- Lithium-Ion Technology
- 3 Year Warranty
- 3 Colour Options
- Made in South Africa

The Sunfor Lithium compact Solar Street Light Range uses the latest lithium battery technology, allowing for battery life span of up to 5 years. The streamlined design offers style and simplicity with no bulky battery boxes as the battery is built in neatly slimline designed compact housing with controller and LED module.

The 2300 lumen motion-sensing street light, set at a height of 5m, offers a rectangular coverage of 18m x 10m and can be placed at a frequency of 16m. The battery has enough capacity to run for 5 continuous days.

The light will run at 100% for 1 minute and at 40% until it is motion activated again it will then increase back to 100% load. The battery requires 5 hours of direct sunlight to fully charge



# SPECIFICATIONS

## SFSOLBT20 STREET LIGHT

Light	Power	20W
	LED	Seoul semiconductor
	IP Rating	IP65
	Flux at CCT @ 6000K	2300 lumen
	Warranty	3 years
	CRI	75
	Optical Control	PMMA lens
	Average Lifespan	50,000 hours
	Operating Temperature	-30C to +50C
	Mounting Height	5m
	Beam Angle	Assymetric Batwing
	Pole to Pole Distance	16 - 18m
	Battery	Lithium LIFEP04
Voltage		12.8V
Capacity		150WH
Cycles		2000 - 70% discharge
Solar Panel	Rated Power	50W
	Voltage at max power	22.1V
	Current at max power	3.68A
Controller	Charge Type	Pulse Wave Modulation Charging
	Dimming	100% on motion, dimming to 40% & on motion 100% load
	PIR	Intelligent timer functions
	Timers	Adopts temperature compensation Overheating, overcharging and overdischarging protections
Electrical Protections		
Battery Enclosure	Manufactured from Aluzinc and powder coated in an SABS & ISO 9001 certified factory in SA	
Pole	Galvanized steel 5m 89mm diameter with minimum 3mm gauge.	
Warranties	3 years on all parts	