



Solartec Global | The Bright Solution.

SENTINELTM

SMART SOLAR LIGHTING

The patented integrated design for the Sentinel Series provides comfort to those who are seeking a smart, long-lasting and anti-theft solution to their solar street lighting needs - whether it to be for rural villages, roads, events or corporate and industrial facilities. The lighter weight and compact design (compared to standard solar street lights) allows for cost-effective transport to off-grid areas. Stop wasting money on solar solutions that attract thieves. Invest in The Bright Solution and choose The Sentinel Series.

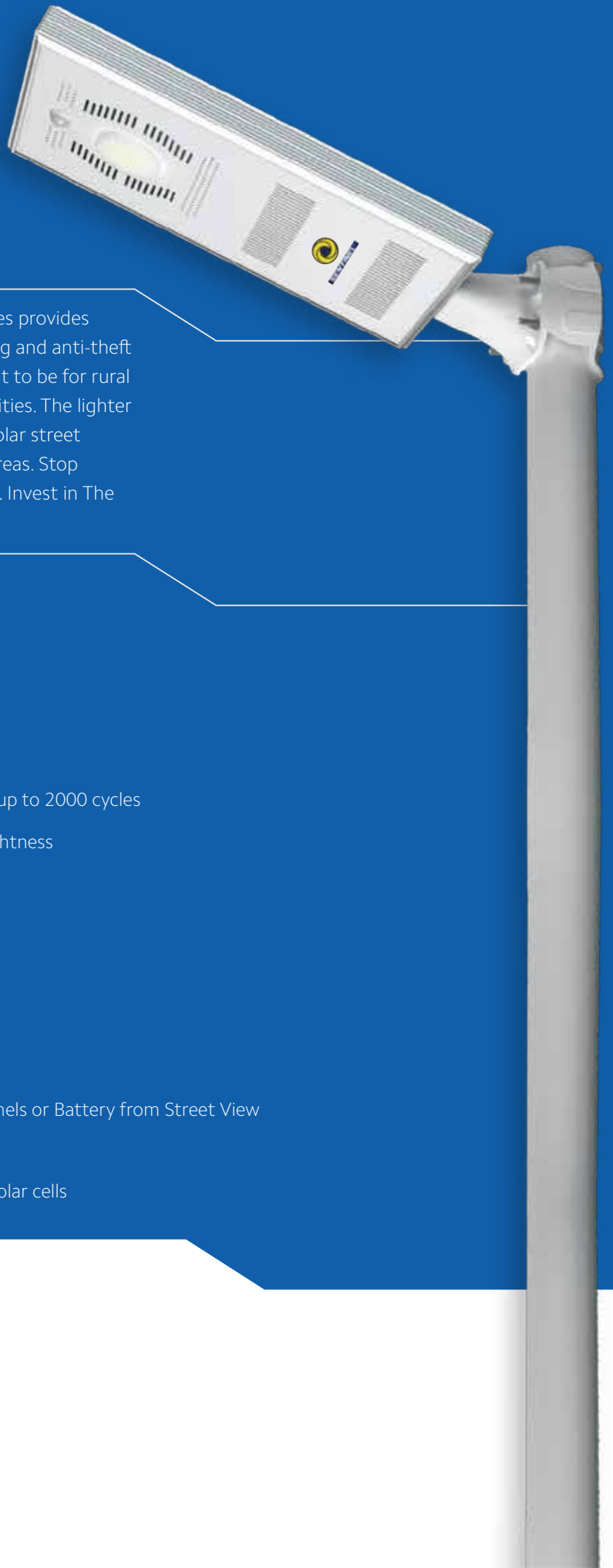
FEATURES AND BENEFITS

- ✓ Patented Integrated Design
- ✓ 3 Years Manufacturer's Warranty
- ✓ Efficient and easy installation
- ✓ High Quality LifePO4 Battery with performance up to 2000 cycles
- ✓ Efficient Power Consumption with High LED Brightness
- ✓ Programmable Infra-Red Sensor
- ✓ Rust-proof, dustproof and waterproof
- ✓ Optional Pole with easy-to-install setup

ANTI-THEFT PRECAUTIONS

- ✓ Integrated design: Difficult to recognise Solar Panels or Battery from Street View
- ✓ Non - standard Bolts: Difficult to unfasten
- ✓ Optional Extras: Anti-theft spikes, camouflaged solar cells

Proudly installed / Distributed by:

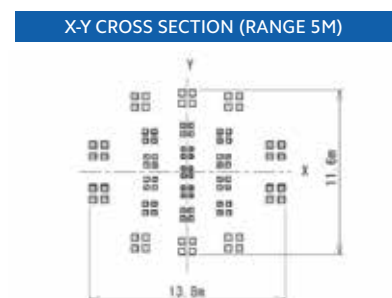
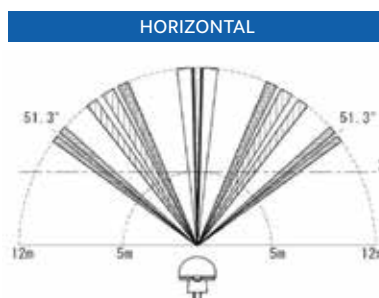
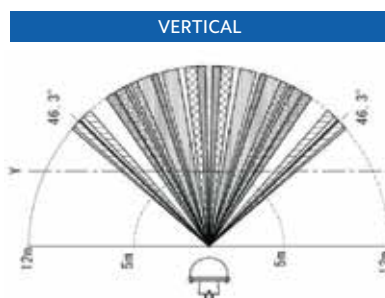


TECHNICAL DATA

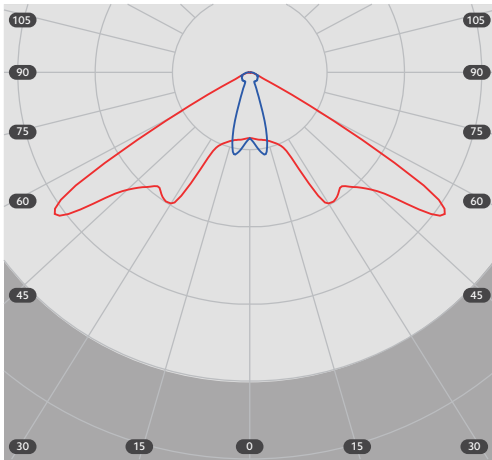
MODEL NO.		SEN1205	SEN1808	SEN2510	SEN3616
PHYSICAL SPECIFICATION					
		5W LED lamp	8W LED lamp	10W LED lamp	16W LED lamp
Solar Module		12W	18W	25W	36W
LiFePO4 Battery		Internal 5.2Ah	Internal 7.8Ah	Internal 10.4Ah	Internal 15.6Ah
AC Input		Optional	Optional	Optional	Optional
Human Infrared Sensor (PIR)		Yes	Yes	Yes	Yes
Overcharge / Discharge Protection		Yes	Yes	Yes	Yes
Dimension (L x W x T)		542mmx306mmx57mm	662mmx306mmx57mm	792mmx306mmx57mm	1143mmx306mmx73mm
Net Weight		6.2 Kg	7.3 Kg	8.5 Kg	12.5 Kg
LIGHT OUTPUT					
Luminous Flux (type. lm)	Bright Mode	578lm	1006lm	1213lm	1800lm
	Dim Mode	205lm	400lm	485lm	720lm
View Angle		120°	120°	120°	120°
Color Temperature		5000K~6000K	5000K~6000K	5000K~6000K	5000K~6000K
Light Sensitivity		30 lx	30 lx	30 lx	30 lx
Working Time*	Bright Mode	≥8hrs	≥8hrs	≥8hrs	≥8hrs
	Dim Mode	≥24hrs	≥24hrs	≥24hrs	≥24hrs
ENVIRONMENTAL RATING					
Operating Temp. Range	Charging Temp	0°C ~+ 60°C			
	Discharging Temp	-20°C ~+ 60°C			
Storage Temperature Range		-20°C ~+ 45°C			
IP Rate		IP65			
INSTALLATION					
Recommended Installation Height Range		2.5 ~ 3m	3 ~ 4m	3 ~ 5m	4 ~ 6m
Recommended Installation Distance of Poles Range		7 ~ 8m	8 ~ 10m	10 ~ 12m	15 ~ 18m

*Working time data above is based on 8 hours testing in full sun, measure at the latitude 22°, east longitude 113°
Actual working time may vary according to different location, seasons, height and installation orientation.

PIR DETECTION AREA

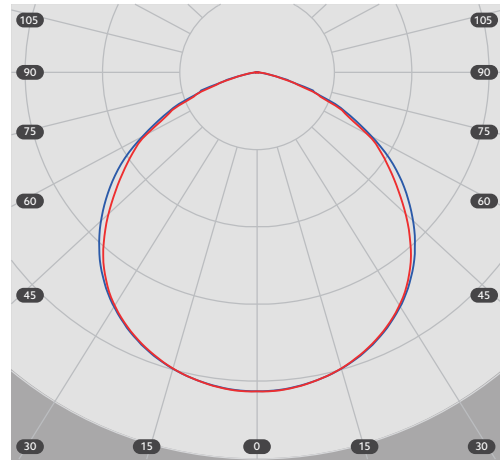


LIGHT DISTRIBUTION CURVE



cd/klm
— CO - C180 — C90 - C270

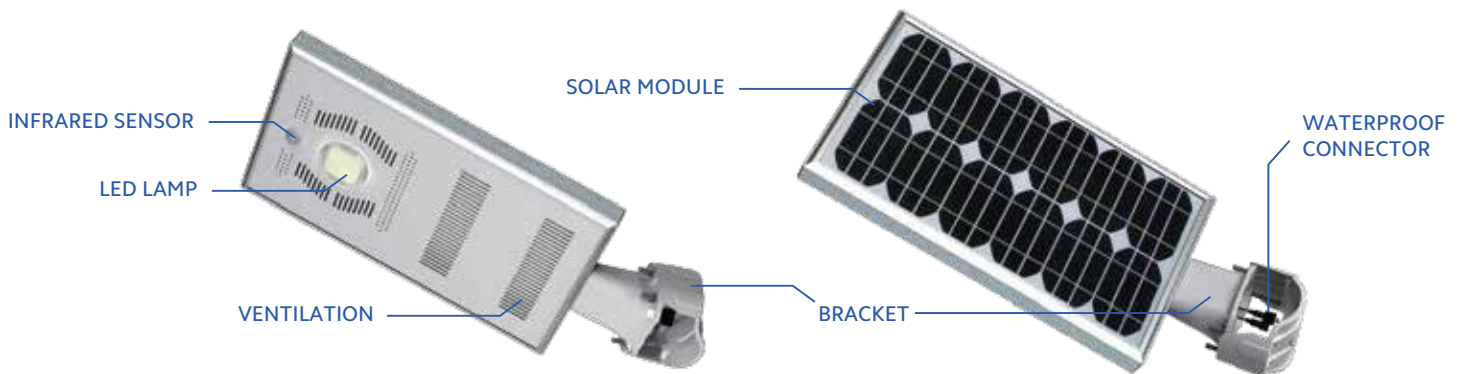
BAT WING (models with the suffix M)



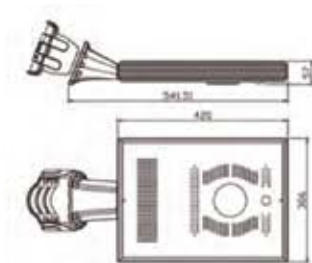
cd/klm
— CO - C180 — C90 - C270

ROUND BEAM

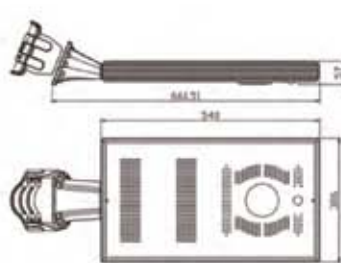
SENTINEL SERIES BODY



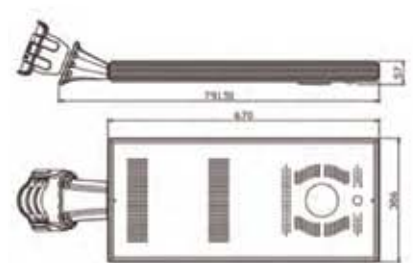
PHYSICAL DIMENSION



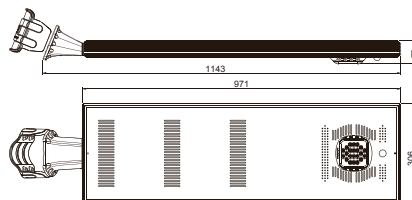
SEN1205



SEN1808



SEN2510



SEN3616

SENTINEL STREET LIGHTS APPLICATION CASES



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