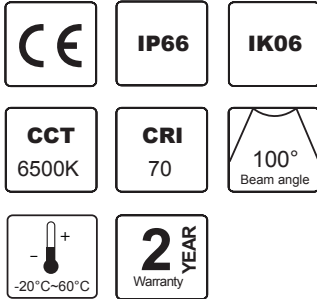


Sentinel™ Series

30w/60w/90w

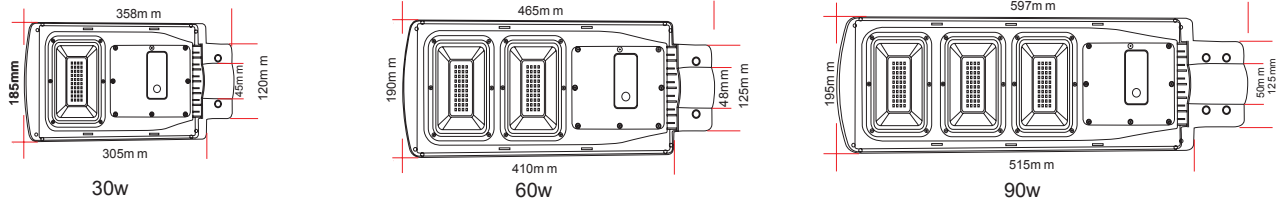


The sun comes up every day; that's the definition of renewable energy. Solar street lighting can be used on highways, roadways, rural roads and neighborhood streets to provide additional security to travelers. Dark streets can be a hazard to pedestrians and vehicle travelers alike. Protecting property, people and assets is one of the key jobs of exterior lighting. Security through lighting has been instrumental to deter crime and improve security to the public, business and residential spaces. Solar LED lighting not only offers better visibility, but also security from brownouts and blackouts. The lights are always there when you need them and can adapt to almost any application without additional trenching or added utility costs.

Sentinel™ Series "All in One" solar street light was designed to illuminate a wide range of applications for limited budget projects. Turns on when sunlight is ≤ 50 lux, operates @ 100% lumen output, after 15 sec of no motion it turns to 30% lumen output. Its working cycle of 6-8 hours allows to serve efficiently, and recharges in 12 hours. It can operate up to 2 days without full charge. Recommended mounting 4-6m. Sentinel™ Series will provide an Irradiation area up to 160m².

LED solar lights require very little maintenance and are easier to install than their wired counterparts. Underground wiring, on-site transformers and electrical enclosures are typically more costly than installing new solar lights. LED technology means that the lamps require fewer replacements, can be controlled and provide significant energy savings over traditional lamps. Solar means there is no electric bill...ever.

Dimensions (mm)



Suitable for pole diameter: 30w Ø 43-55mm / 60w Ø 45-58mm / 90w Ø 45-60mm

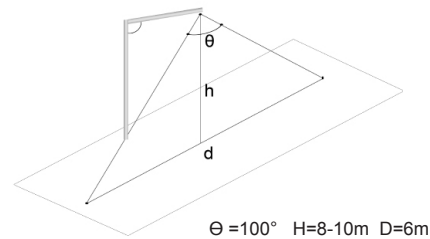
Specifications

Turns on when sunlight is ≤ 50 lux
 Motion: 100% lumen output
 Stand-by (after 15 sec no motion) 30% lumen output

Nominal Power	30w	60w	90w
Working Power	3w	6w	9w
Solar Panel (DC6V)	6w	8w	12w
Battery	5AH	10AH	15AH
Charging time	12 Hrs	12 Hrs	12 Hrs
Cloudy days	2	2	2
Working hrs (@ full power up to)	8 Hrs	8 Hrs	8 Hrs
Stand by	12 Hrs	12 Hrs	12 Hrs
Irradiation area	80m ²	120m ²	160m ²

Battery: 32650 Lithium phosphate DC3.2V

Sensor range



Components Lifetime

Solar Panel	Up to 3 years
Battery	600 cycles
LED Chip	20,000 hours

Ordering information

Item	Working Power	Solar Panel	Lumens	LXW
AL574407	3w	6w	255	85lm
AL574408	6w	8w	675	112lm
AL574409	9w	12w	1400	155lm

Packing information

Model	CBM (Master)	Pieces/master	Box Dimensions (cm)	Gross weight (Kg)
30w	0.0436	10	37.5 x 29.5 x 39.5	6
60w	0.0300	5	48.5 x 29.5 x 21	6
90w	0.0403	5	61.5 x 30.5 x 21.5	11