



Vertical solar led street light pole is an great innovation with latest technology. It adopts the vertical solar modules by surrounding the pole instead of regular solar panel installed on top. Comparing with traditional solar led street light, it has a very cosmetic appearance in the same look as traditional street light. Each vertical solar module adopts 6 pieces of slim mono-crystalline solar panel with high efficiency up to 23% and more than 20 years lifetime. Each slim solar panel are 18V/36V and 6 pieces slim solar are connected together in parallel connection. Each vertical solar module contains two modules as master module which has 2 pairs of MC4 connectors and sub-module with 1 pair of MC4 connectors. As the big part of vertical solar led street light, the vertical solar module is designed based on the modular conception which is supposed to be installed on any shape and new or old poles as customers require. And customer can freely combine different powers of solar panel according to the power consumption by series connection.

### Description

**Housing** - Die-Casting Aluminum

**Reflector** - Aluminum Reflector

**Color Available** - Grey, Black

**Lifespan** - >50,000 Hours (L90 B10)

**Working Temperature** - -20C° ~ +70C°

**Pmax** - 18V 7.78A /36V 3.89A

**Cell Type** - Aluminium Alloy

**Solar Cell Efficiency** - 22%

**Cable** - MC4 0.6Meter

**Battery** - Lithium (LiFePO4)

**Lifetime** - 20 Years

**Joint** - Yes

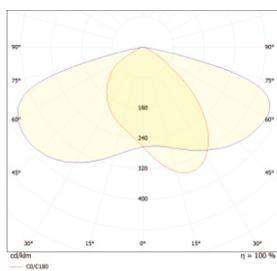
**Rotation** - 360°

**IP Rating** - 66

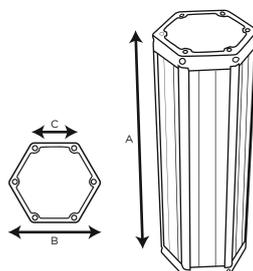
**IK** - 08

Item Code	Power	Lamp	Lumen	Dimensions
LP-SLR-6000	40W	LED	6000lm	A800 X B310 X C116mm
LP-SLR-9000	60W	LED	9000lm	A800 X B310 X C116mm
LP-SLR-11200	80W	LED	11200lm	A800 X B310 X C116mm
LP-SLR-12600	90W	LED	12600lm	A800 X B310 X C116mm
LP-SLR-14000	100W	LED	14000lm	A800 X B310 X C116mm
LP-SLR-15400	110W	LED	15400lm	A800 X B310 X C116mm

### Photometrics



### Technical Drawing



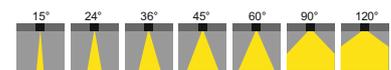
## OUTDOOR LIGHTS SOLARO

### SOLAR LIGHTS

#### Kelvin

- 2700K - warm white, similar to incandescent bulb
- 3000K - soft white, similar to halogen bulb
- 4000K - bright white, similar to fluorescent lighting
- 5000K - daylight, very bright & similar to sunlight
- 6000K - cool white, blue tinted, like a monitor

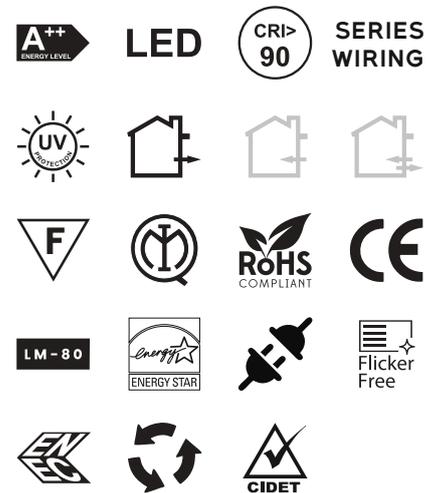
#### Beam Angle



#### LED CHIP



#### LED DRIVER



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