

# Solar LED Roadway Light



## Roadway/ Highway/ Bridge/ Airport/ Parking lot lighting

**SOLAR LED ROADWAY LIGHT** is a series of large scale lighting devices with high illumination intensity and energy saving feature which offers the required illumination and a safe driving environment.

### Product Components

Solar panel, Battery pack, Lamp, Pole (Optional), Built-in controller. Battery pack and controller are installed in the controller box.

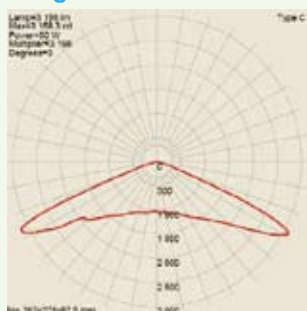
- \* Multi-chip packaging for high luminance intensity
- \* High uniform illumination distribution accurate distance measurement for installation
- \* Illumination time controller included, easy time setting and maintenance

- \* Unique cooling off design guarantees long battery life span (over 2000 hours)
- \* Strengthened surface coating to endure outdoor conditions
- \* Up to 10 degrees tilt angle
- \* Energy saving & cost-effective

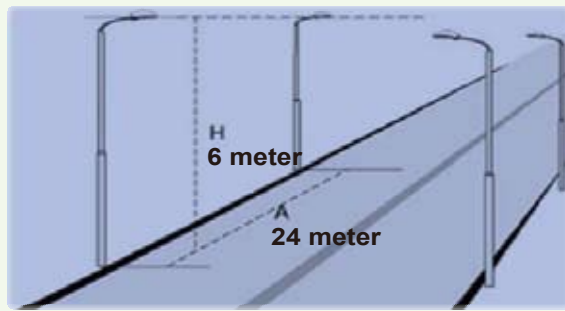
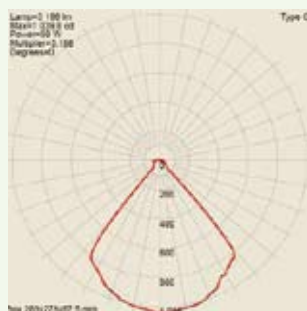


### Polar Candela Distribution

#### Long Axial Distribution



#### Short Axial Distribution



MODEL		SRL-M4P15DC-F13E85K5	SRL-M6P30DC-F27E85K5	SRL-M8P50DC-F45E85K5
SOLAR MODULE	Wp	85 (Depends on local ESH)	130 (Depends on local ESH)	130*2 (Depends on local ESH)
	Working Time (Hrs/Day)	2 (Full run, depends on local ESH)		
	Dim.(mm)/Weight(kg)	552*1206*35 / 8.1	666*1471*35 / 12	666*1471*35 / 12
LED	Consumed Power (W)	15 (Mounting height=4M)	30 (Mounting height=6M)	50 (Mounting height=8M)
	Luminary flux (lm)	>1350 (@Tj=25°C)	>2700 (@Tj=25°C)	>4500 (@Tj=25°C)
	Color Temperature (K)	5000~7000		
ILLUMINATION	Max. Intensity (Lux)	>23 (Mounting height=4M)	>20 (Mounting height=6M)	>18 (Mounting height=8M)
	Uniformity	>0.6 (Uniformity = Imin. / Iavg.)		
BATTERY VOLTAGE / CAPACITY (V/Ah)		12 / 50*2 (Endurance Lead Acid Battery)	12 / 75*2 (Endurance Lead Acid Battery)	12 / 75*4 (Endurance Lead Acid Battery)
WORKING TIME (Hrs. / Day)		8 (Full run)		
ENDURANCE DAYS FOR CLOUD (Days)		>3 (Under full capacity)		