

#### ALL IN ONE SOLAR STREET LIGHT

Ref No: GR-SSL-80B

This integrated solar street light is high quality solution, with LifePO4 and Mono solar panel, adjustable 90° joint which can be installation on the top of pole, or install into pole with arm. The duration time is 3-5 raining days. Available **a remote controller**. Widely used for governments projects.Working model: Light with sensor, dusk to dawn. During night time, the light will be 100% brightness when there is any movement, but it will be only 30% brightness when there is no any movement.



## Complete Product Data

Order Number	GR-SSL-80B
LED wattage	40W
Install Dia	D60-65mm
Dimension(mm)	996*345*160mm
Adjustable joint	Yes
IP Grade	IP65
Beam angle	80*140°
Duration	3-5 raining days
Working temperature	-25°C ∼ +60°C
Lumens	8000-8400Im
Warranty	3Years
Install height	6-8meter
GW	12KG/PCS/CTN
Package Size	1135*400*130mm

## Solar Panel

Solar panel Type	Monocrystalline silicon solar panel
Capacity	18V 60W
Efficiency	>20%
Waterproof	IP65
Lifespan	>25years
Warranty	15years

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# Sensor & Controller

Туре	Motion sensor.	
Sensor distance	10-12meter	
Photocell sensor	included ( dusk to dawn automatically)	
Photocell sensor	PWM or MPPT	
Max current	10-20A	
Max voltage	12-36V	

## **Battery**

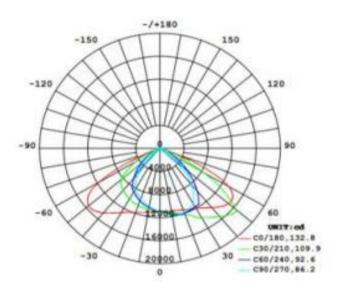
Level	Grade A
Protection board	Included
Battery type	LifePO4
System voltage	3.2V
Capacity	100Ah
Lifetime	>2000 times recycle
Charge time	6 hours by strong sunlight

# Photometric Data

LED chip brand	PHILIPS
Chip type	SMD 3030 200pcs*1W
Color temperature	3000-3200K/4000-4500K/ 5700-6000K
CRI	>Ra70
Life time	>50000Hrs
Lumens	200lm/W
SDCM	<5
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

# **Lighting Distribution**

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