



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	8000-8400lm
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

Sensor & Controller

Type	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

