



## ALL IN ONE SOLAR STREET LIGHT

Ref No: GR-SSL-160WH

This integrated solar street light is high quality solution, with LifePO4 12.8V battery, 18V Mono solar panel, 3 different installation way. The duration time is 3 raining days. And **it is with a adjustable joint, can be installed on top of pole or arm of pole.** 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-160WH
LED wattage	80W
Install	2 different way options
Dimension(mm)	1395*410*135mm
Install pole	60mm
IP Grade	IP65
System voltage	12VDC
Duration	3-5 raining days
Working temperature	-25°C ~ +55°C
Lumens	16000-16800lm
Warranty	3Years
Install height	10-12meter
Container load qty	250pcs/20ft container; 670pcs/40ft con
Package Size	1425*428*165mm /PCS/CTN

## Solar Panel

Solar panel Type	Monocrystalline silicon solar panel
Capacity	18V 105W
Efficiency	>20%
Waterproof	IP65
Lifespan	>25years
Warranty	10years
Dimension(mm)	1025*398mm

## Sensor & Controller

Type	Motion sensor.
Sensor distance	10-14meter
Photocell sensor	included ( dusk to dawn automatically)
Controller	MPPT
Max current	10-20A
Max voltage	12-36V

## Battery

Battery type	LifePO4
System voltage	12.8V
Capacity	45Ah
Lifetime	>5 years
Charge time	6-8 hours by sunlight

## Photometric Data

LED chip brand	PHILIPS
Chip type	SMD 3030 250PCS *1W
Color temperature	3000-3200K/4000-4500K/ 5700-6000K
CRI	>Ra70
Life time	>50000Hrs
Lumens	180-210lm/W
SDCM	<5
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

## Lighting Distribution

