



SSH04 Series Solar LED Street Light
Product Catalog

先恩光电（苏州）有限公司
Shine Opto (Suzhou) Co.,Ltd



15-30W



40-60W



80-100W

Overview

Classic design.

Higher efficacy LUMILEDS® LUXEON 3030 LED.

PWM/MPPT controller is optional.

Multiple patent designs ,better performance.

Easy installation and maintenance.

SHINE SSH04 series Solar LED street light will provide the best .
lumen output,the best stability and very long lifetime.

Provide over 5 years warranty for whole fixture.

Colour

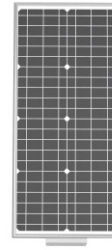
■ Silver (other colors can be customized)

LED Source



Provide excellent lumen output, the best stability and excellent visual perception.
(Cree, Nichia, Osram & etc. is optional)

Solar Panel



Monocrystalline solar panels,
Stable photoelectric conversion efficiency,
Advanced diffuse technology, which can ensure the uniformity of conversion efficiency.

LiFePO₄ Battery



Excellent performance
High capacity
More safety,
Withstand high temperatures 60°C
Long lifespan, more than 2000 cycles.

MPPT Controller



Enable controller to track maximum charge efficiency.
Micro current charging function

Power Switch



Metal switch
More durable

PIR Sensor



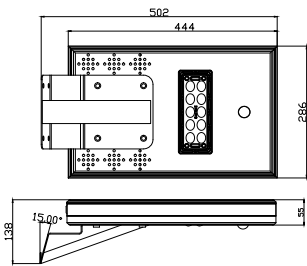
High-quality human body sensor
More sensitive



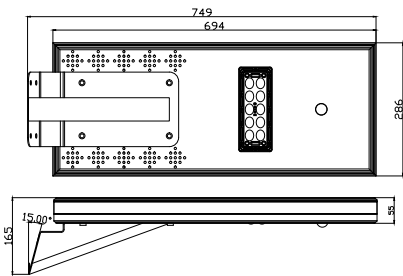
Product Parameters

ITEM	SSH04015	SSH04020	SH04030
Nominal Power	15W	20W	30W
System Voltage	12V	12V	12V
LED Qty	20	20	30
LED Brand	Lumileds	Lumileds	Lumileds
Light Distribution	II-M	II-M	II-M
CCT	2200K~6500K	2200K~6500K	2200K~6500K
Charge Time	6 Hours	6 Hours	6 Hours
Working Time	2~3 Days (Energy Saving)	2~3 Days(Energy Saving)	2~3 Days(Energy Saving)
Protection Grade	IP65,IK09	IP65,IK09	IP65,IK09
Battery Parameters	LiFePO4 12.8V 9AH	LiFePO4 12.8V 12AH	LiFePO4 12.8V 18AH
Solar Panel Parameters	Monocrystalline 18V 20W	Monocrystalline 18V 30W	Monocrystalline 18V 40W
Luminous Flux	140~150Lm/W	140~150Lm/W	140~150Lm/W
Operating Temperature	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃
Warranty	5 Years	5 Years	5 Years

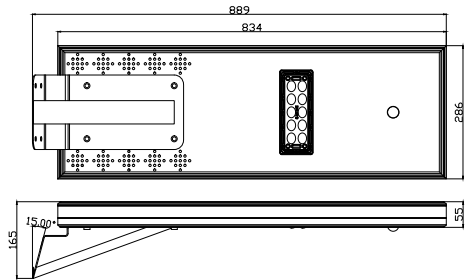
Size Data



SSH04015

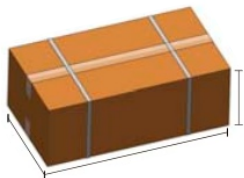


SSH04020



SSH04030

Package Data



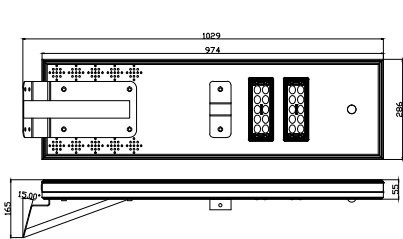
Item	SSH04015	SSH04020	SSH04030
Size	54x35x17cm	79x35x20cm	93x35x20cm
GW	7.4Kg	9.8Kg	12.0Kg



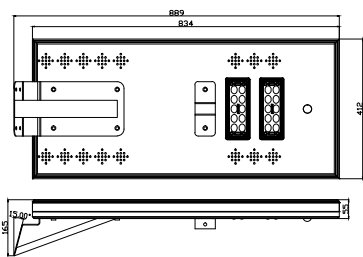
Product Parameters

ITEM	SSH04040	SSH04050	SH04060
Nominal Power	40W	50W	60W
System Voltage	12V	12V	12V
LED Qty	40	60	60
LED Brand	Lumileds	Lumileds	Lumileds
Light Distribution	II-M	II-M	II-M
CCT	2200K~6500K	2200K~6500K	2200K~6500K
Charge Time	6 Hours	6 Hours	6 Hours
Working Time	2~3 Days (Energy Saving)	2~3 Days(Energy Saving)	2~3 Days(Energy Saving)
Protection Grade	IP65,IK09	IP65,IK09	IP65,IK09
Battery Parameters	LiFePO4 12.8V 24AH	LiFePO4 12.8V 27AH	LiFePO4 12.8V 30AH
Solar Panel Parameters	Monocrystalline 18V 50W	Monocrystalline 18V 60W	Monocrystalline 18V 80W
Luminous Flux	140~150Lm/W	140~150Lm/W	140~150Lm/W
Operating Temperature	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃
Warranty	5 Years	5 Years	5 Years

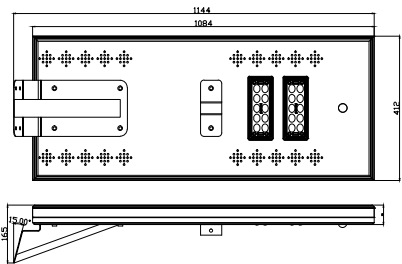
Size Data



SSH04040

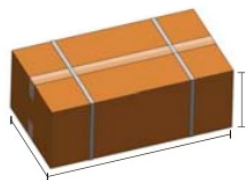


SSH04050



SSH04060

Package Data



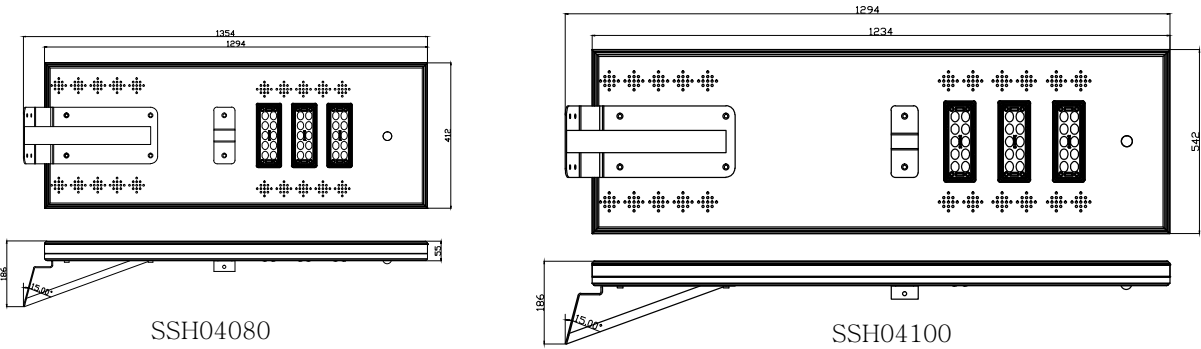
Item	SSH04040	SSH04050	SSH04060
Size	107x35x20cm	93x47.5x20cm	118x47.5x22cm
GW	16.0Kg	18.4Kg	21.2Kg



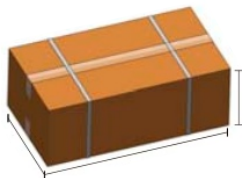
Product Parameters

ITEM	SSH04080	SSH04100
Nominal Power	80W	100W
System Voltage	12V	12V
LED Qty	90	90
LED Brand	Lumileds	Lumileds
Light Distribution	II-M	II-M
CCT	2200K~6500K	2200K~6500K
Charge Time	6 Hours	6 Hours
Working Time	2-3 Days (Energy Saving)	2-3 Days(Energy Saving)
Protection Grade	IP65,IK09	IP65,IK09
Battery Parameters	LiFePO4 12.8V 42AH	LiFePO4 12.8V 51AH
Solar Panel Parameters	Monocrystalline 18V 100W	Monocrystalline 18V 120W
Luminous Flux	140~150Lm/W	140~150Lm/W
Operating Temperature	-20℃ to 60℃	-20℃ to 60℃
Warranty	5 Years	5 Years

Size Data



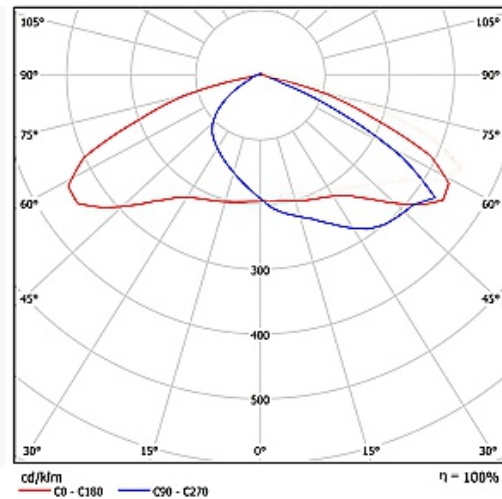
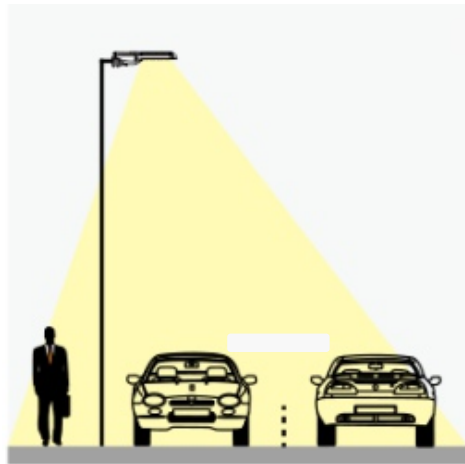
Package Data



Item	SSH04080	SSH04100	
Size	139x47.5x22cm	133x60.5x22cm	
GW	24.9Kg	29.5Kg	

Distribution Curves

Reference Only



TYPE II-M

Installation



Apply to the pole $\phi 40-75\text{mm}$



Apply to 15-30W



Apply to 40-100W

Practical Application

