High Efficiency Up to 210Lm/w

CE FC ISO RoHS

Bifacial Solar Street Light
With Adjustable Bracket

High Cost
Performance

High Quality

High Brightness

Remote Control

Adjustable Bracket

IP65 Waterproof

■ Overview

Solar street lights are an efficient solution to provide lighting without the need for connecting utility electricity. Every lights are an independent integrated solar lighting system, it works automatically with the light sensor, no need of electric wires for installation.

The led lamp, solar panel, solar controller and storage battery all in one set, it integrates most advantages of the existing outdoor solar lights, in order to bring you a unique value in the whole commercial solar lighting market.

## The Innovative Structure Designed with Great Originality

◎ Elegant Design and multiply installation
◎ Each Part Modular Design
◎ Adjustable mounting angle led module
◎ Easy maintenance and installation
◎ Time Control/ Dimmable
◎ Grid-free solar lighting for different area
◎ Multiple installation ways

Product Features

**Bifacial solar panels**
absorb sun energy from top and bottom sides
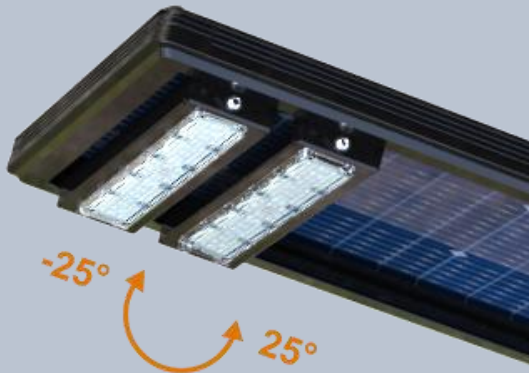
Led Panel Angle Adjustable

The Led Panel has 25° mounting angle, when it combine with rotatable led module, the solar lighting system is very flexible in installation. All brackets is aluminum annoy, so that the whole light fixture is strong but light weight.

-25° 25°

Extendable Battery Module (Lithium /LifePO4 Battery)

The battery have a super high cooling structure
You can add battery module to meet different requirements of back up time, meanwhile the battery is very easy to install and maintenance.
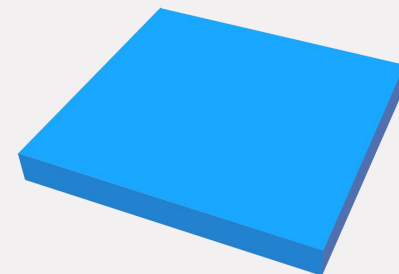
Sturdy and Anti-theft Design

Two steps aluminum surface treatment – anodizing and powered coating. It is strong to stand in extremely environment. Metal mounting support makes it sturdy. The bolts takes use of anti-theft design for safety
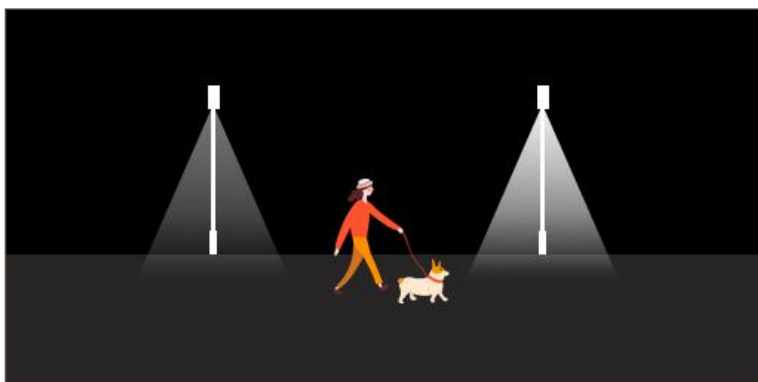
Motion Sensor Dimming

When the human body movement is detected, the solar street light will automatically adjust to full power output. When no one is moving, the light will be adjusted to dim or turn off.

Dusk to Dawn Mode

The solar lamp will automatically turn on from dusk to dawn. The light will keep constant brightness in a set power in the period.

*D/N Dly: Day/Night open load delay time. (5s ,Can customize)

Sunset   Sunrise

Light On

Light Off

Dusk to Dawn(D2D)

D/N Dly
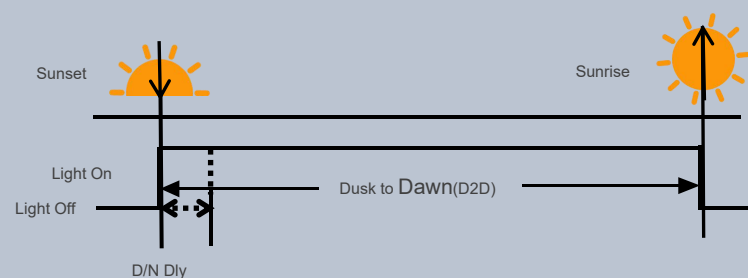
Remote control lighting time

4H: 4hour full bright +OFF
6H:6hour full bright +OFF
8H:6hour full bright +2 hour 50% +OFF
10H:6hour full bright+4hour 50% +OFF
12H: 6hour full bright +6 hour 50%+OFF
3+9:3 hours full bright +Motion sensor for the next 9hours
4+8:4 hours full bright +Motion sensor for the next 8hours
5+7:5hours full bright +Motion sensor for the next 7hours
6+6:6 hours full bright +Motion sensor for the next 6hours
0+12: Motion sensor for 12hours

Four-Stage Night Mode

The lamps lighting divide into 4 stage, each stage time and dim can be setting according to demands. With diming setting, it is an efficient way to save energy, and keep the lamp working in best power and time.

Sunset   Sunrise

Light On

Light Off

D/N Dly   Time 1   Time 2   TOT   Time 4
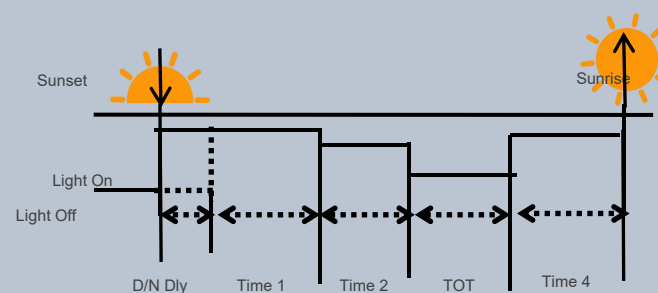
ENSL-S40W-10

Solar Street Light

Solar street lights are an efficient solution to provide lighting without the need for connecting utility electricity. Every lights are an independent integrated solar lighting system, it works automatically and no need of electric wires for installation. It integrates most advantages of the existing outdoor solar lights, in order to bring you a unique value in the whole commercial solar lighting market.

Working Mode (Dusk to Dawn)

Stage	Stage1	Stage 2	Stage 3	Stage 4
Time	5H	7 H		
Outputs	100%	25%		

Finish LED Color Options

3000K (on request)   6000K (on request)

Technical Data

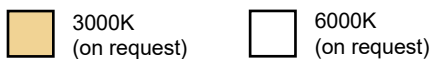|	
Model	
Model Number	**ENSL-S40W-10**
Solar panel	
High Efficiency Solar Panel	**60W -Rotatable (with aluminum frame glass laminate)**
Led	
LED	**40W-1 lamp heads- 70*150°**
Efficiency	**210LM/W**
LED illumination color	**6000K**
Battery	
Li-ion Battery	**LifePO4 288WH**
Solar panel charging time	**5-6 hours (full sun)**
General Information	
Product Material	**Aluminum Alloy High Quality ABS + PC**
Lamp head quantity	**1 pc**
IP Level	**IP65**
Operation Temperature	**-25° C ~ 65° C**
Working mode	**Remote control**
Light control threshold	**20lux**
Sensitivity Method	**N/A**
Lighting time	**3-5nights after fully charged**
Mounting Methods	**Fix with bracket**
Certificate	**CE ROHS FCC ISO9001:2015**
Warranty	**3years**

Dimensions

746.60

84.73

416.60

ENSL-S60W-10

Solar Street Light

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Working Mode (Dusk to Dawn)
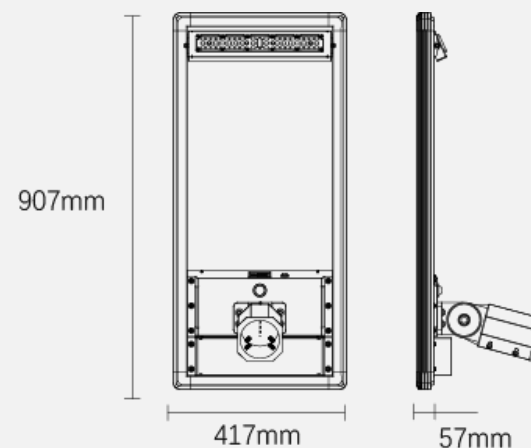
Stage	Stage1	Stage 2	Stage 3	Stage 4
Time	5H	7 H		
Outputs	100%	25%		

Finish LED Color Options

3000K (on request)   6000K (on request)

Technical Data

Model	
Model Number	**ENSL-S60W-10**
Solar panel	
High Efficiency Solar Panel	**70W-Rotatable (with aluminum frame glass laminate)**
Led	
LED	**60W 2 lamp heads- 70*150˚**
Efficiency	**210LM/W**
LED illumination color	**6000K**
Battery	
Li-ion Battery	**LifePO4 384WH**
Solar panel charging time	**5-6 hours (full sun)**
General Information	
Product Material	**Aluminum Alloy High Quality ABS + PC**
Lamp head quantity	**2 pcs**
IP Level	**IP65**
Operation Temperature	**-25˚ C ~ 65˚ C**
Working mode	**Remote control**
Light control threshold	**20lux**
Sensitivity Method	**N/A**
Lighting time	**3-5nights after fully charged**
Mounting Methods	**Fix with bracket**
Certificate	**CE ROHS FCC ISO9001:2015**
Warranty	**3years**

Dimensions

907mm

417mm   57mm

ENSL-S80W-10

Solar Street Light

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Working Mode (Dusk to Dawn)

Stage	Stage1	Stage 2	Stage 3	Stage 4
Time	5H	7 H		
Outputs	100%	25%		

Finish LED Color Options

3000K (on request)   6000K (on request)

Technical Data

Model	
Model Number	**ENSL-S80W-10**
Solar panel	
High Efficiency Solar Panel	**120W -Rotatable (with aluminum frame glass laminate)**
Led	
LED	**80W 3 lamp heads- 70*150˚**
Efficiency	**210LM/W**
LED illumination color	**6000K**
Battery	
Li-ion Battery	**LifePO4 576WH**
Solar panel charging time	**5-6 hours (full sun)**
General Information	
Product Material	**Aluminum Alloy High Quality ABS + PC**
Lamp head size	**3 pcs**
IP Level	**IP65**
Operation Temperature	**-25˚ C ~ 65˚ C**
Working mode	**Remote control**
Light control threshold	**20lux**
Sensitivity Method	**N/A**
Lighting time	**3-5nights after fully charged**
Mounting Methods	**Fix with bracket**
Certificate	**CE ROHS FCC ISO9001:2015**
Warranty	**3years**

Dimensions

1477mm

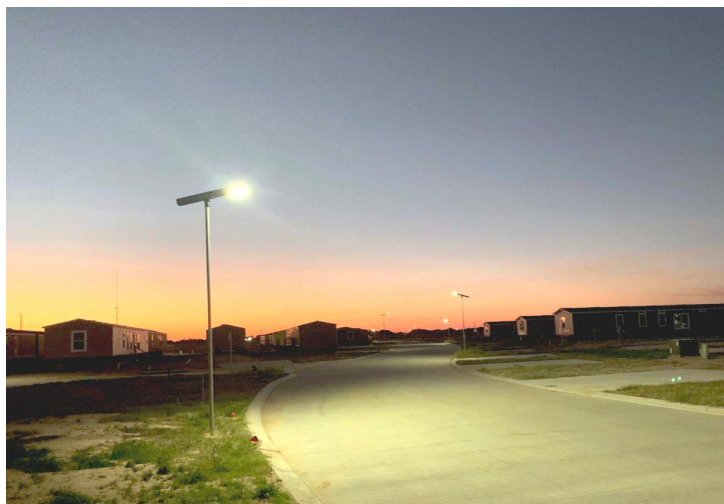417mm   57mm

ENSL-S100W-10

Solar Street Light

Solar street lights are an efficient solution to provide lighting without the need for connecting utility electricity. Every lights are an independent integrated solar lighting system, it works automatically and no need of electric wires for installation. It integrates most advantages of the existing outdoor solar lights, in order to bring you a unique value in the whole commercial solar lighting market.

Working Mode (Dusk to Dawn)
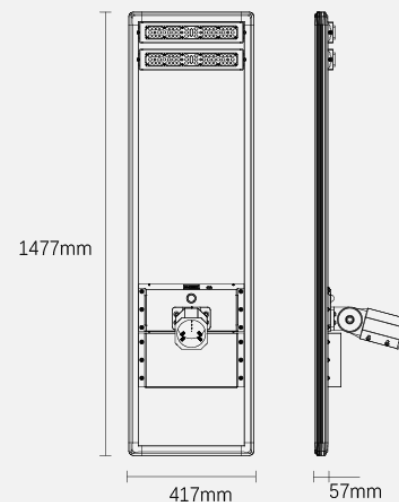
Stage	Stage1	Stage 2	Stage 3	Stage 4
Time	5H	7 H		
Outputs	100%	25%		

Finish LED Color Options

3000K
(on request)

6000K
(on request)

Technical Data

Model	
Model Number	ENSL-S100W-10
Solar panel	
High Efficiency Solar Panel	120W -Rotatable (with aluminum frame glass laminate)
Led	
LED	100W 3 lamp heads- 70*150°
Efficiency	210LM/W
LED illumination color	6000K
Battery	
Li-ion Battery	LifePO4 768/WH
Solar panel charging time	5-6 hours (full sun)
General Information	
Product Material	Aluminum Alloy High Quality ABS + PC
Lamp head size	3 pcs
IP Level	IP65
Operation Temperature	-25° C ~ 65° C
Working mode	Remote control
Light control threshold	20lux
Sensitivity Method	N/A
Lighting time	3-5nights after fully charged
Mounting Methods	Fix with bracket
Certificate	CE ROHS FCC ISO9001:2015
Warranty	3years

Dimensions

1477mm

417mm

57mm

Application

Production