



## Solar LED Lights

### EcoMode Solar Street Light 300W With Photocell & Remote Control

Chips Type/Brand:	SMD2835 / EcoMode
Wattage:	300w
lumens:	2000Lm
Colour Temperature:	6000k
Solar panel type	4V 18W (635 x 210mm)
Battery Type:	Lithium Ion Phosphate 3.2V/24000mA
Charging time:	4- 6hrs
Lifespan:	30,000 hours
IP Rating:	IP65
IK Rating:	IKo6
CRI:	>70





## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

Warranty: 2 years

Dimensions: 750 x 300 x 70mm

Certificates: CE & RoHS

Material: Aluminium

Application: Suitable for outdoor areas, gardens, Walk ways, caravan parks and pubs





## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

### ABS Housing

ABS plastic is resistant to chemical corrosion, heat, and has a certain surface hardness. It has high elasticity and toughness.



### Polycarbonate PC

It has flame retardancy and strong oxidation resistance.





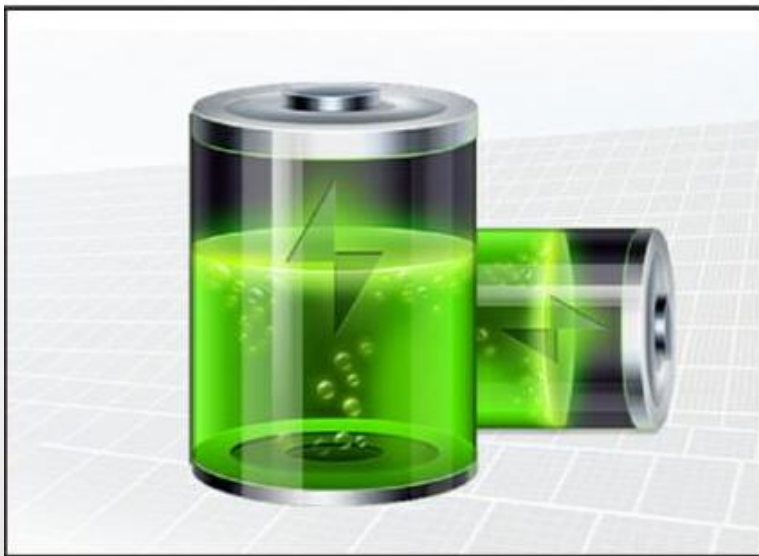
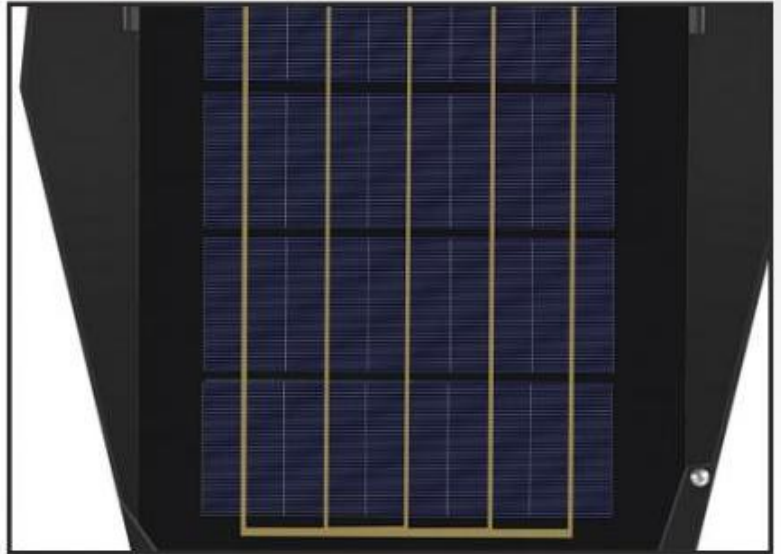
## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

### P-MOS Fast Charging Solar Panel

The conventional 6V/12W  
solar panel in the market;

This product uses **4V/12W**  
the charging efficiency is  
**increased by 50%**



### LiFePO4 Lithium Battery

Longer circulation lifespan  
High ambient temperature  
tolerance.

Smart power management  
system, extra-long battery life.



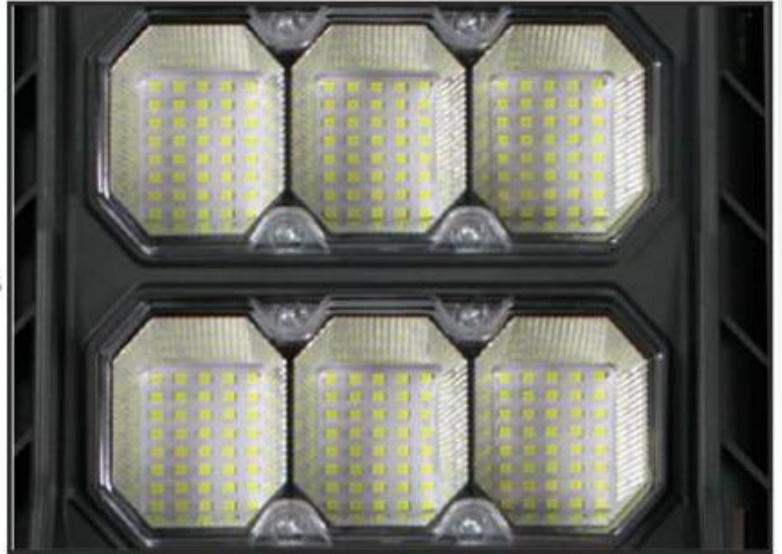


## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

## High Lumen LED

**600pcs** 2835 LED Super bright chip. Higher Luminous Intensity lower thermal resistance and a greater luminaire stability.



**RoHS**  
COMPLIANT





## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

# TESTING REPORT

Product : LT-SSLH100  
 Sample No. :  
 Manufacturer :

Date : 2021-03-10  
 Instrument : HAAS-2000(EVERFINE)  
 Operator : DAMIN

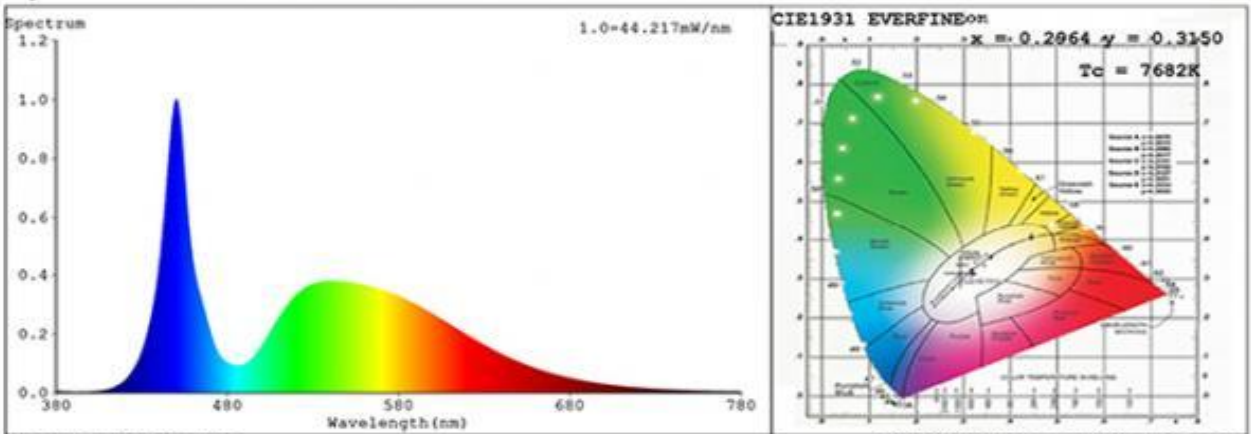
### Test Condition

Temperature : 25.3Deg  
 Scan Range : 380nm-780nm

RH : 65.0%  
 IP : 52920 (81%)  
 T : 78 ms  
 Delicacy : High

Test Type : Fast Test

### Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.2964$   $y=0.3150$  /  $u'=0.1916$   $v'=0.4582$  ( $duv=4.66e-03$ )

CCT:  $T_c = 7682K$  Prcp Wavel:  $\lambda_p = 485.1nm$  Purity=13.9%

Peak Wavel:  $\lambda_p = 450nm$  Half Width:  $\Delta\lambda_p = 17.5nm$  Ratio: R=12.3% G=83.4% B=4.3%

Render Index:  $R_a = 73.6$

R1 =71 R2 =76 R3 =77 R4 =75 R5 =73 R6 =68 R7 =84

R8 =65 R9 =0 R10=42 R11=72 R12=39 R13=72 R14=87 R15=68

LEVEL:OUT WHITE:OUT

### Photo Parameters:

Flux = 1081.1lm Eff. : 133.06 lm/W Fe = 3.151 W

Fmol(umol/s): 1.400e+000 Fluorescence and blue light ratio: 1.976 Fluorescent efficiency: 25.75



## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

### Electrical parameters:

V = 3.250 V I = 2.500 A P = 8.125 W PF = 1.000



## HUMAN BODY INDUCTION

No one is slightly bright, people to the full bright.

6-8M Motion Sensor





## Solar LED Lights

# EcoMode Solar Street Light 300W With Photocell & Remote Control

## Remote Control Function





## Solar LED Lights

**EcoMode Solar Street Light  
300W With Photocell &  
Remote Control**

## Multiple Installation Methods



Pole-holding



Wall-mounted



