

ALL IN ONE Solar street light

◆ NSP8W/15W

CE ROHS IP65



8W/12W

15W

- **Solar powered** outdoor lighting
- Easy installation. No cable needed
- **Lithium-ion LiFePO4**
- High efficiency **Mono solar panel**
- Famous brand LED chip from **EPISTAR and Bridgelux**
- **Mounted convenient**, pole, wall, tree etc
- Light output can be adjusted automatically by a built-in **infrared sensor**
- Modularity design. Easy assemble and maintenance
- Compact volume and light weight design saves freight cost and installation cost
- Rust-proof, dustproof and **IP65 waterproof** Safety and reliability

Model		NSP08 (with sensor)		NSP15 (with sensor)
LED Light	Max power	12V 8W		12V 15W
	Led chip	EPISTAR, Taiwan		
	Lumen (LM)	800-880Lm		1500-1650Lm
	Life time	50,000hours		
Solar panel	Max power	18V/15W		18V/25W
	Solar cell	High efficiency, Mono		
	Life time	25years		
Battery	Capacity	6AH		10AH
	Type	Lithium-ion LiFePO4		
	Life time	5 years		
Charging	By sun	6-10 hours effective sunlight		
Lighting	Dimming power	>24 hours		
Work temp	Range(°C)	Charging:0°C~+60°C, discharging: -20°C~+60°C storage:0°C~+45°C		
Colour temp	Range(k)	6000-6500k		
Height	Range (m)	3-4m		4-5m
Spacing	Range (m)	8-10m		10-15m
Work mode	Customized available	Light on at dusk, light off at dawn auto. PIR motion sensor detection. Full power lighting when a human move in the sensors range. 30% power lighting when a human move out.		
Material		Aluminium alloy		
Certificate		CE / ROHS / IP65		
Warranty		3years		
Packing & Weight	Product size(mm)	504*325*85		746*325*135
	Product weight	6.5kg		8.2 kg
	Carton size(mm)	560*390*150		815*390*210
	GW .for carton	7kg		9.3 kg
Container Load	20GP	915sets		462sets
	40HQ	2193sets		1118sets

LED Optic Colorimetic Electric Comprehensive Test Report

LED Model: NSP08

LED NUM: 1

Temperature: 25.0 °C

Test Date: 2011-07-30

Test Time: 13:46:55

Humidity: 15.0 %

Color Parameter

Dominant Wavelength: 491.3 nm

Peak Wavelength: 444.8 nm

FWHM: 19.2 nm

Color Coordinate(x,y): (.3224, .3329)

Color Coordinate(u,v): (.2031, .4718)

Color Purity: 0.037

Color Temperature: 5975 K

Color Rendering(Ra): 66.91

Color Rendering(Rx): 65.9 69.6 70.0 70.0 68.0 59.9 75.3 56.4 -40.6 24.9 67.8 34.7 65.1 82.9

Optical Parameter

Luminance: 0.00 cd/m²

Intensity: 0.00 mcd

Luminous Flux: 827.13lm

Luminous Power: 0.00 mW

Purple Power: 0.00 mW

Optical efficiency: 93.78 lm/W

Electric Parameter

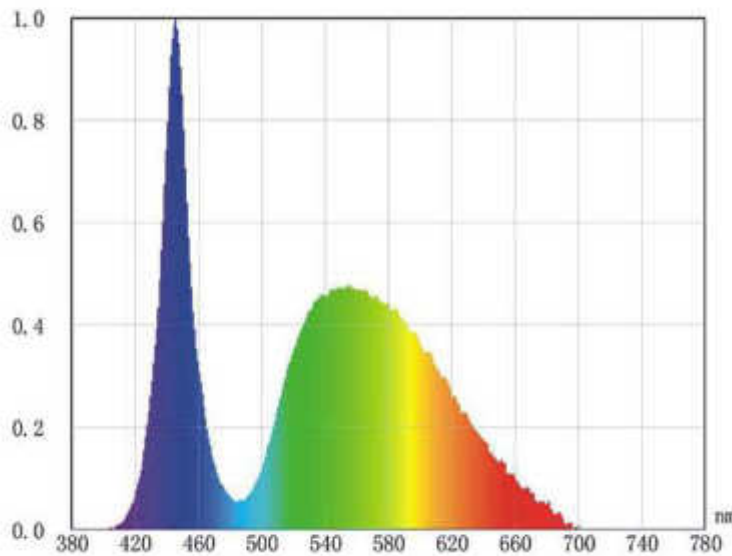
Forward Current: 350.00 mA

Voltage: 25.20 V

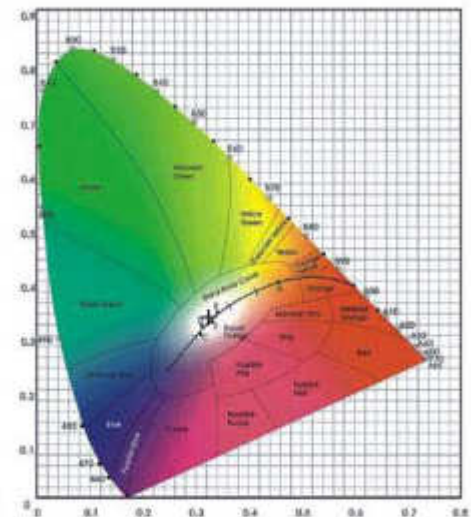
Power: 8.82 W

Current: 0.00 uA

Spectral Curve



CIE1931



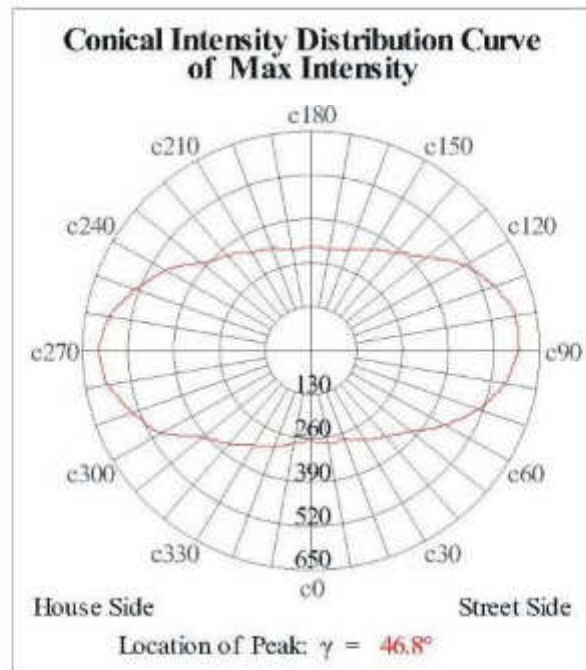
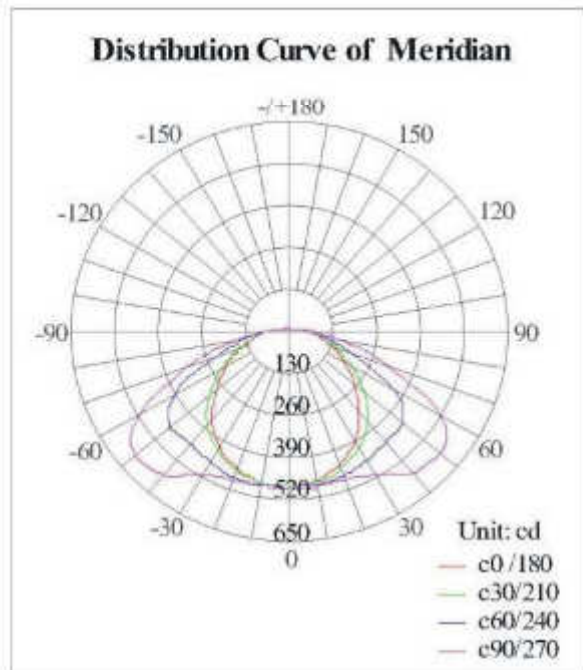
Test Instrument Model: SSP3112 Visible Light

LED Spectrum Analysis Test System

Photometric Data of Lamp

Lamp Description		
Lamp Name: NSP15	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 226.8 V	Current: 0 A	Power: 0 W	Power Factor: 0
Total Flux	1867.30 lm	Central Intensity	517.48 cd
Lamp Efficiency	0.00%	Light Efficiency	0.00 lm/W
Peak Intensity	635.06 cd	Location of Peak(c,γ)	(270.0°, 46.8°)
Half-Intensity Angle	138.6°	Beam Angle	166.5°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	928.45 lm
Upward House Side	0	Downward House Side	938.78 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0



c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 8.0 m
 Note: notes

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-06-20
 Test Time: 12-01-32

Temperature: 20 Celsius
 Humidity: 50%
 Test No.:
 Tester: