TRUE LED USA

ST750 LED SOLAR STREET LIGHT

ST750 is a full range integrated solar street light offering six power options from 30W to 100W to satisfy different applications. Features cutting-edge structure design with flexible mounting angles for easy installation. Built-in PIR sensor supports intelligent dimming control and offers longer discharge time. Equipped with mono-crystalline solar panels and LiFePO4 battery for reliable performance. The easy, clean, and long working period street light solution.

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	30/40/50/60/80/100W
	Delivered Lumens	6,000 - 20,000lm
	Lumen Efficacy	200lm/W
	Color Temperature	3000K / 4000K / 5000K (Optional)
	CRI (Ra)	70+ / 80+
Electrical	Input Voltage	N/A
	Power Factor	>0.9
Physical	Housing	Aluminum alloy
	Beam Angle	N/A
	Operation Temperature	32°F to 122°F
	IP Rating	IP 65
	Mounting Options	Post top mount
	Dimensions	31.3(60.3)"x16.6"x13.5"

APPLICATIONS

- Village streets
- Urban road
- Courtyard
- Parking lot
- Walk path
- Park

LIFESPAN AND WARRANTY

Rated Life	64,000hrs-L80 / 101,000hrs-L70
Warranty	3 Years(Battery) / 5 Years(Other accessories)
Certification	N/A

FEATURES

- Smart control with built-in PIR sensor and timer dimming
- Higher conversion mono-crystalline photovoltaic solar panel
- Easy maintenance with removable battery
- ±80° adjustable mounting angle
- High system efficiency up to 200lm/W, lumen package from 6000lm to 20000lm

CERTIFICATION

FC   5 YEAR WARRANTY   IP65

ST757 LED SOLAR STREET LIGHT

DIMENSIONS

31.34"
16.61"
30W

43.31"
16.61"
40/50W

50.47"
16.61"
60/80

60.31"
16.61"
100

2.56"
3.35"
8.03"
13.46

PHOTOMETRY

ST750-100

C0°
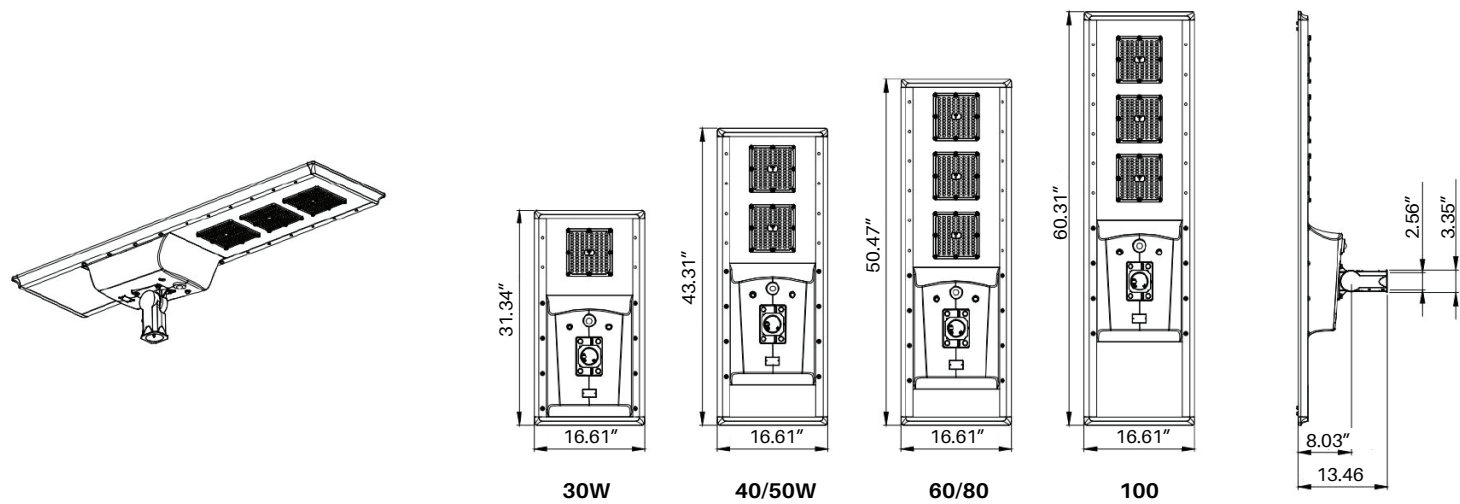
180°
-150°   150°
-120°   120°
-90°   90°
                    1000
                    2000
-60°   4000   60°
                6000
                8000
-30°   30°
         0°
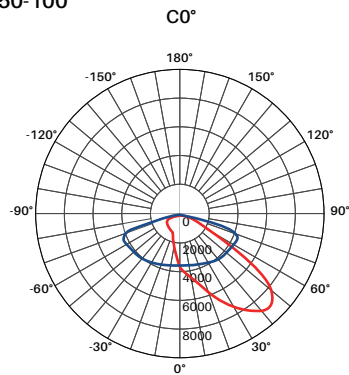
Distribution Curve
C-plane —— C0/180 —— C90/270

| Category	Details (C0°)
Luminous Flux	19,237 lumens
Luminous Efficacy	190.6 lm/W
Power Consumption	101W
Peak Intensity	9,539.3 cd
Light Distribution	Asymmetric beam
Beam Spread Pattern	Type III street lighting pattern
CCT (Color Temp.)	N/A
Recommended Height	N/A

ST757 LED SOLAR STREET LIGHT

INTELLIGENT CONTROL MODE

5 Stage Night Mode
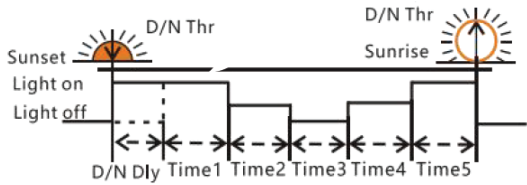
* Please note the Sensor function is only avaiable at Time 3 and Time 4.
*You can set the fixtures with 5 stages timmer dimming yourself by the remote Controller.
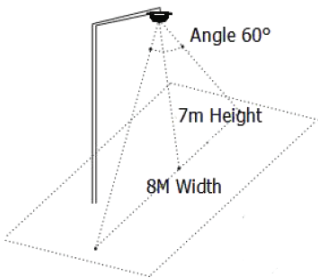
RIP Sensor Detection Areas

Default Timer Setting

With sufficient natural light, the light keeps charging.

The light keeps 100% brightness for 0.5hour.

The light keeps 50% brightness when presence is detected in the 1st 4hours.

The light keeps 10% when there is no presence is detected after 30S hold time in the 1st 4hours.

The light keeps 20% brightness when presence is detected in the 2nd 4hours.

The light keeps 10% when there is no presence is detected after 30S hold time in the 2nd 4hours.

The light keeps 10% brightness for 3hours until the sunrise.

The controller recognizes day and night based on the Solar Array Open Circuit Voltage, this day/night threshold can be modified according to local light conditions and the Solar Array Used, setting range 3.0~8.0V

PERFORMANCE DATA

PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	SOLAR PANEL WATTAGE	CRI (Ra)	CCT
ST750	30	200	6,000	45		
ST750	40	200	8,000	63		
ST750	50	200	10,000	63	Ra70 (Ra80 optional)	3,000/4,000/5,000K (Optional)
ST750	60	200	12,000	80		
ST750	80	200	16,000	80		
ST750	100	200	20,000	90		

In a continuing effort to offer the highest quality product to our customers, we reserve the right to change the product specifications without notice.

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ACCESSORIES

Remote control

ORDERING INFORMATION

| ST750 | | | | | | |

Series SKU	Wattage	TIMER	Dimming	CRI	CCT	Accessories (Optional)
ST750	**030:** 30W **040:** 40W **050:** 50W **060:** 60W **080:** 80W **100:** 100W	**TM:** Timer Setting	**DV**: 0-10V Dim *Leave blank if not specified	**L:** 70 **M:** 80	**30:** 3,000K **40:** 4,000K **50:** 5,000K	**RC:** Remote control **PC:** Photocell Control

Example: ST750-100TMDVM-40PC
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE