



### Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ Radar Sensing
- ✓ Remote Control
- ✓ Lasting 2-3 Rainy Days

### Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

### Working Mode

#### Radar Sensing (default mode)

1. 100% brightness when people within the induction range
2. 10% brightness after a 30-second delay when people leave

### Application



### Certificate



### Specifications

Item Number	Model Power	Maximum Power	Battery Capacity	Solar Panel Size cm	CRI	Color Temperature	Lifetime (hrs)
LPSTL-100ES01-SS	100W	6W	3.2V/6Ah	273*202*3.5	>83	WW/CW/NW	30000
LPSTL-200ES01-SS	200W	10W	3.2V/10Ah	348*215*3.5	>83	WW/CW/NW	30000
LPSTL-300ES01-SS	300W	15W	3.2V/15Ah	468*215*3.5	>83	WW/CW/NW	30000
LPSTL-400ES01-SS	400W	15W	3.2V/15Ah	468*215*3.5	>83	WW/CW/NW	30000



Technical Specifications

Item Number	LPSTL-100W-SS	LPSTL-200W-SS	LPSTL-300W-SS	LPSTL-400W-SS
IP	65	65	65	65
Class	III	III	III	III
LED Beads	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W
Housing Color	Black	Black	Black	Black
Maximum Power	6W	10W	15W	15W
Voltage at Max	5V	5V	5V	5V
AC/DC	DC	DC	DC	DC
Current max	1A	1.2A	2A	3A
Battery	3.2V/6AH	3.2V/10Ah	3.2V/15Ah	3.2V/15Ah
Working Model	Radar Sensing	Radar Sensing	Radar Sensing	Radar Sensing
Rainy Days	Lasting 2-3	Lasting 2-3	Lasting 2-3	Lasting 2-3
Continuous Discharge Time	>24H	>24H	>24H	>24H
Sensor Distance	5-8meters	5-8meters	5-8meters	5-8meters

Lights Material

Housing Material	PC
Solar Panel Materials	Monocrystalline silicon

Temperature

Operating Temperature	-20°C ~ 40 °C
Testing Temperature	-45°C ~ 95 °C



### Packing Data

Item No	PCS/CT N	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPSTL-100ES01-SS	10	15	14	43.5	27.5	41
LPSTL-200ES01-SS	5	10.2	9.2	47.5	27.5	24.5
LPSTL-300ES01-SS	5	12.7	11.7	59.5	27.5	26
LPSTL-400ES01-SS	5	12.7	11.7	59.5	27.5	26

### Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPSTL-100ES01-SS	100W	385	207	47
LPSTL-200ES01-SS	200W	460	220	47
LPSTL-300ES01-SS	300W	580	236	47
LPSTL-400ES01-SS	400W	580	236	47