



Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ All in One Design
- ✓ Timing Control
- ✓ Lasting 2-3 Rainy Days

Benefits

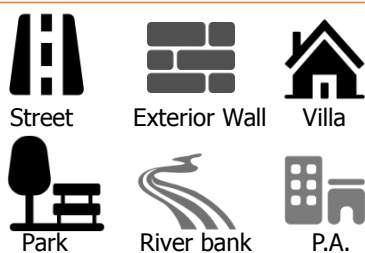
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Working Mode

Timing Control (Automatic Power Reduction Mode)

1hour: 100% brightness
2-3hour: 80% brightness
4-5hour: 60% brightness
6-7hour: 40% brightness
then 25% until dawn

Application



Certificate



specifications

Item Number	Model Power	Maximum Power	Efficiency (lm/W)	Battery Capacity	Solar Panel Size mm	CRI	Color Temperature	Life Time (hrs)
LPSTL-30B01-SS	30W	8W	260LM	3.2V 7.5Ah	280*170	>83	WW/CW/NW	30000
LPSTL-60B01-SS	60W	10W	330LM	3.2V 12Ah	345*235	>83	WW/CW/NW	30000
LPSTL-90B01-SS	90W	20W	590LM	3.2V 15AH	390*330	>83	WW/CW/NW	30000

Technical specifications

Item Number	LPSTL-30B01-SS	LPSTL-30B01-SS	LPSTL-30B01-SS
IP	65	65	65
Class	III	III	III
LED Beads	2835 3V 150MA 0.5W	2835 3V 150MA 0.5W	2835 3V 150MA 0.5W
Housing Color	Black	Black	Black
Maximum Power (P max)	8W	10W	20W
Voltage at Max(Vmp)	5V	5V	5V
AC/DC	DC	DC	DC
Current max (Imp)	1.6A	2A	4A
The lithium battery	3.2V/7.5AH	3.2V/12Ah	3.2V 15AH
Model	Timing Control	Timing Control	Timing Control
Rainy Days	Lasting 2-3 Rainy Days	Lasting 2-3 Rainy Days	Lasting 2-3 Rainy Days
Continuous Discharge Time	>24H	>24H	>24H
Installation Height	3-4M	4-5M	5-6M

Lights Material

Housing Material	Die-casting Aluminum+PC
Solar panel materials	Monocrystalline Silicon

Temperature

Operating Temperature	-45℃ ~ 50 ℃
Testing Temperature	-45℃ ~ 95 ℃

Packing Data

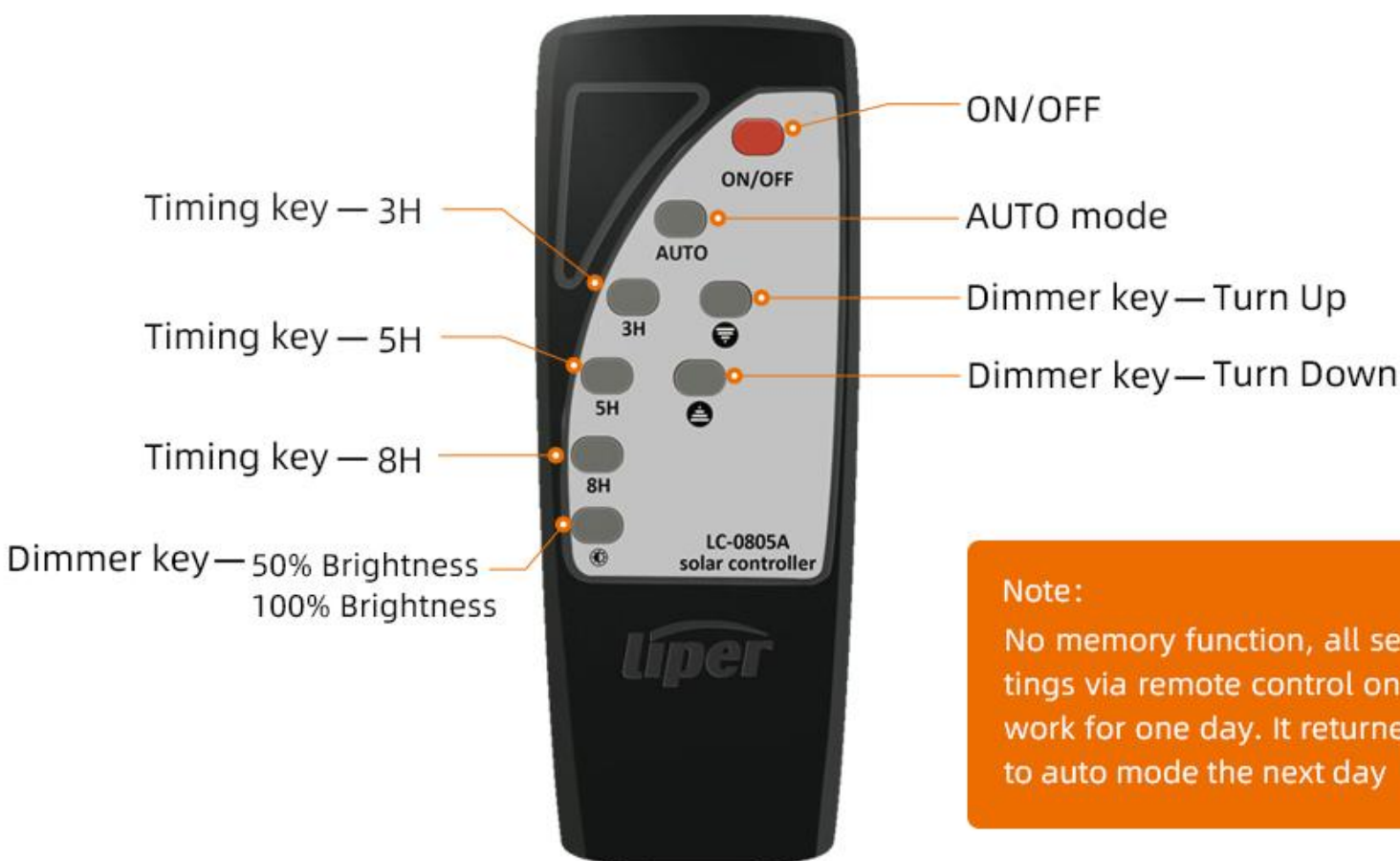
Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPSTL-30B01-SS	6	10.7	7.8	52.5	47	36
LPSTL-60B01-SS	6	16.7	13.8	52.5	47	36
LPSTL-90B01-SS	3	12.2	9.9	56.5	37	43



Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPSTL-30B01-SS	30W	430	200	120
LPSTL-60B01-SS	60W	450	240	125
LPSTL-90B01-SS	90W	510	335	125

Remote Control



Note:

No memory function, all settings via remote control only work for one day. It returned to auto mode the next day