



### Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ Remote Control
- ✓ 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-100D01 | 100W        | 20W           | 1000LM            | 3.2V 15Ah        | 350*450*17          | >83 | WW/CW/NW          | 30000           |
| LPSTL-200D01 | 200W        | 25W           | 1400LM            | 3.2V 25Ah        | 350*530*17          | >83 | WW/CW/NW          | 30000           |

## Technical specifications

|                           |                               |                               |
|---------------------------|-------------------------------|-------------------------------|
| Item Number               | LPSTL-100D01                  | LPSTL-200D01                  |
| IP                        | 65                            | 65                            |
| Class                     | III                           | III                           |
| LED Beads                 | 3030 3V 300MA 1W              | 3030 3V 300MA 1W              |
| Housing Color             | Black                         | Black                         |
| Maximum Power (P max)     | 20W                           | 25W                           |
| Voltage at Max(Vmp)       | 6V                            | 6V                            |
| AC/DC                     | DC                            | DC                            |
| Current max (Imp)         | 4.16A                         | 5A                            |
| The lithium battery       | 3.2V/15AH                     | 3.2V 25Ah                     |
| Model                     | Remote Control+Timing Control | Remote Control+Timing Control |
| Rainy Days                | Lasting 2-3 Rainy Days        | Lasting 2-3 Rainy Days        |
| Continuous Discharge Time | >24H                          | >24H                          |
| Installation Height       | 3-5M                          | 4-5M                          |
| Installation Spacing      | 15M                           | 20M                           |

## Lights Material

|                       |                      |
|-----------------------|----------------------|
| Housing Material      | Die-casting Aluminum |
| Solar panel materials | Polysilicon          |

## Temperature

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -45°C ~ 50 °C |
| Testing Temperature   | -45°C ~ 95 °C |

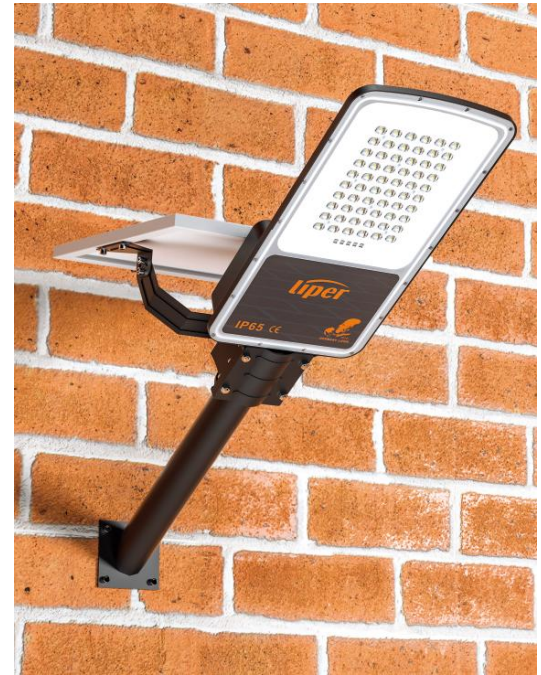
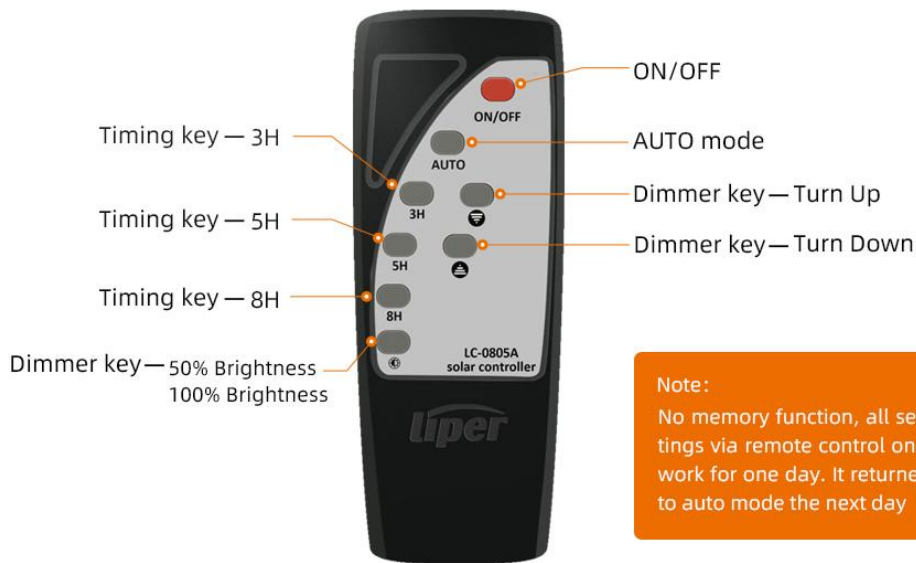
## Packing Data

| Item No      | PCS/CTN | Gross Weight<br>KG | Net Weight<br>KG | Length<br>CM | Width<br>CM | Height<br>CM |
|--------------|---------|--------------------|------------------|--------------|-------------|--------------|
| LPSTL-100D01 | 4       | 18.3               | 17.1             | 55           | 37.5        | 53           |
| LPSTL-200D01 | 4       | 18.3               | 17.1             | 55           | 37.5        | 53           |

## Dimensional Drawing

| Item No      | Power | Length (mm) | Width (mm) | Height (mm) |
|--------------|-------|-------------|------------|-------------|
| LPSTL-100D01 | 100W  | 492         | 210        | 54          |
| LPSTL-200D01 | 200W  | 492         | 210        | 54          |

## Remote Control



## Application Scenarios

