

**Noble Lighting Technology Co.,Ltd.**

## **Product Description**

**Product name: solar flood light**

**Product Type : NL-SFL-S25W 、 NL-SFL-S40W 、  
NL-SFL-S60W 、 NL-SFL-S100W 、  
NL-SFL-S200W**

**February 26, 2019**

|                    |              |
|--------------------|--------------|
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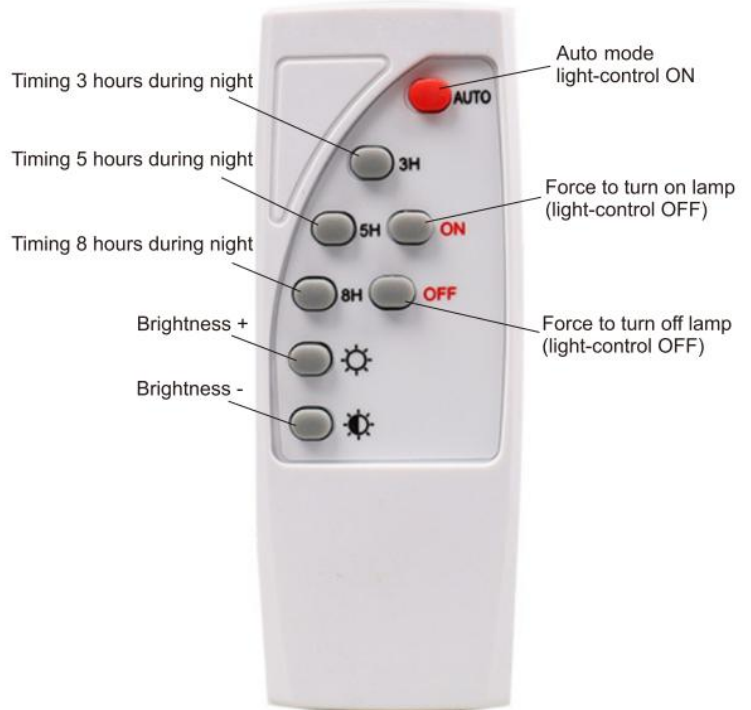
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**1、 Product picture****2、 Features:**

- Solar power supply, 0 electricity
- Energy conservation and environment protection;
- Easy to install, no need wire;
- With remote controller, easy to operate;
- Automatic light sensor switch function
- Smart chip protects battery
- Long lifespan (25000h);
- Branded LED light source;
- Digital power display

## Remote Controller Instruction



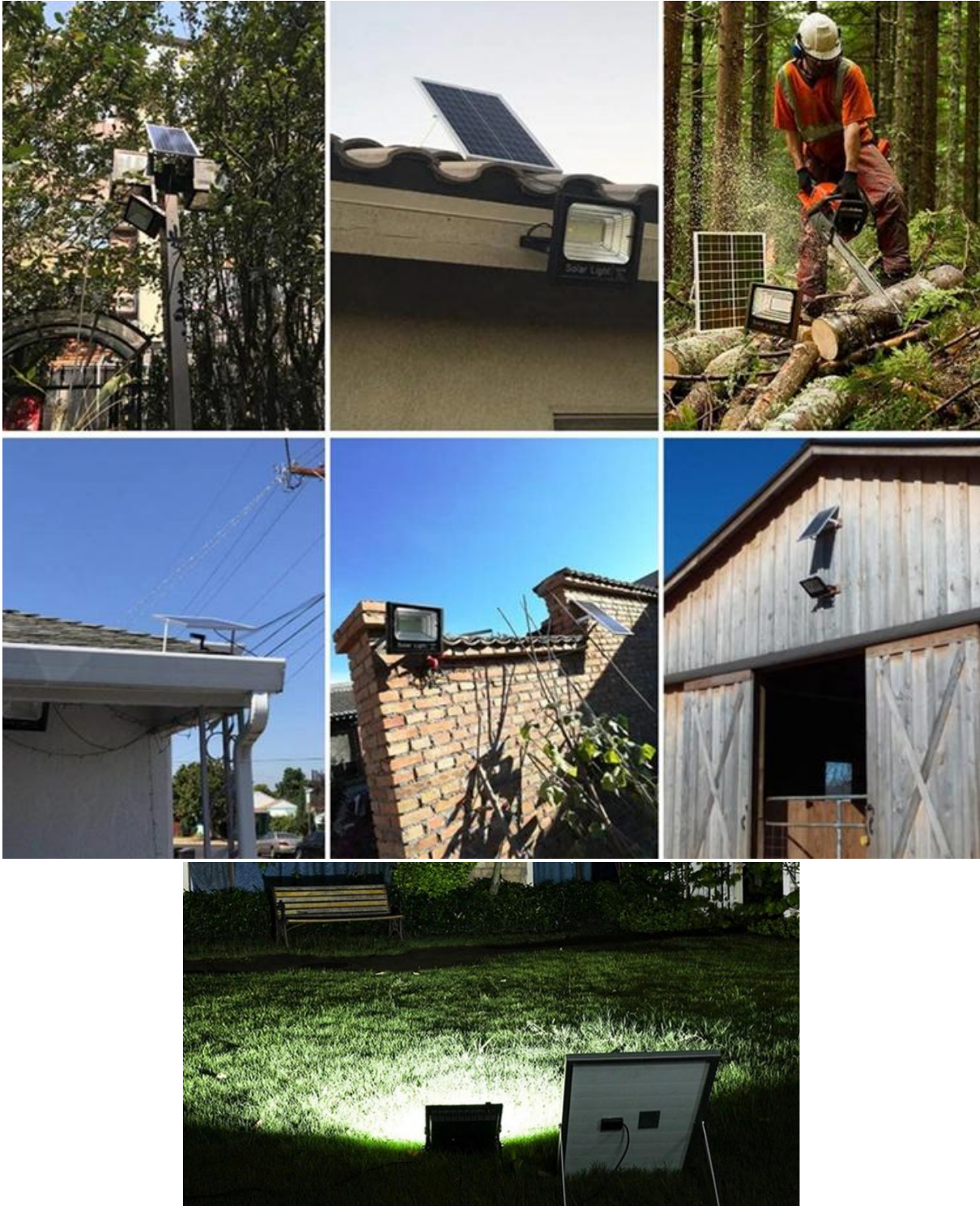
**Note:** Once press ON or OFF button, light-control will be OFF. Need to press AUTO button to recover light-control function, Then lamp will be automatically OFF in the day and ON during night.

### 3、Function

- (1) **IR remote control:** The working distance of the remote control is 8-10m;
- (2) **Stepless dimming:** Could be changeable between 10-100%;
- (3) **Timer mode:** It can realize 3/5/8 hours of segmental timing;
- (4) **Automatic mode:** Light sensor, it turns off automatically during the day and auto lights up at night;
- (5) **Charging indicator:** It is charging when the red indicator light blinking, it stops blink and lights all the time when it's full charged;
- (6) **Light up in the day:** The button "ON" is the power switch, whether it is day or night with light up, there is no light control function;
- (7) **Memory mode:** It is recommended to set the lighting duration and brightness after turning on the automatic mode, the light will repeat the previous settings every night (do not press OFF button)

## 4、 Application:

- Villa, yard, lawn, garden, park
- Landscape lighting



## 5、 Technical Parameters

| No.                                 | NL-SFL-S25W    | NL-SFL-S40W    | NL-SFL-S60W    | NL-SFL-S100W   | NL-SFL-S200W   |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Solar panel power (W)               | 8              | 12             | 18             | 30             | 35             |
| Solar panel voltage(V)              | 6              | 6              | 6              | 6              | 6              |
| LED Chips                           | 47pcs/2835     | 83pcs/2835     | 153pcs/2835    | 265pcs/2835    | 407pcs/2835    |
| CCT (k)                             | 6000~6500      | 6000~6500      | 6000~6500      | 6000~6500      | 6000~6500      |
| Battery capacity (AH)               | 5AH            | 6AH            | 12AH           | 18AH           | 30AH           |
| Battery Voltage (V)                 | 3.2            | 3.2            | 3.2            | 3.2            | 3.2            |
| Working time (H)<br>(fully charged) | 12             | 12             | 12             | 12             | 12             |
| Lifespan (H)                        | 25000          | 25000          | 25000          | 25000          | 25000          |
| Waterproof level                    | IP67           | IP67           | IP67           | IP67           | IP67           |
| Working Temperature                 | -20°C~+45°C    | -20°C~+45°C    | -20°C~+45°C    | -20°C~+45°C    | -20°C~+45°C    |
| Material of Light                   | Aluminum alloy | Aluminum alloy | Aluminum alloy | Aluminum alloy | Aluminum alloy |

## 6、Product size/weight

### 6.1、Solar lamp size/weight

| No.                 | SFL-25W-CW | SFL-40W-CW | SFL-60W-CW | SFL-100W-CW | SFL-200W-CW |
|---------------------|------------|------------|------------|-------------|-------------|
| Lamp size (MM)      | 170*50*150 | 210*65*175 | 255*75*220 | 290*75*245  | 330*85*290  |
| Lamp net weight(KG) | 0.6        | 1.0        | 1.3        | 1.8         | 2.1         |

### 6.2、Solar panel size/weight

| No.                        | SFL-25W-CW | SFL-40W-CW | SFL-60W-CW | SFL-100W-CW | SFL-200W-CW |
|----------------------------|------------|------------|------------|-------------|-------------|
| Solar panel size (MM)      | 270*180*17 | 350*235*17 | 350*350*17 | 460*350*17  | 600*350*17  |
| Solar panel net weight(KG) | 0.8        | 1.0        | 1.5        | 1.8         | 2.2         |

## 7、Carton box size/weight/quantity

### 7.1、Lamp carton box size/weight/quantity

| No.                      | SFL-25W-CW | SFL-40W-CW | SFL-60W-CW | SFL-100W-CW | SFL-200W-CW |
|--------------------------|------------|------------|------------|-------------|-------------|
| Lamp carton box size(CM) | 38*29*13.5 | 38*29*13.5 | 50*41*14.5 | 50*41*14.5  | 62*41*14.5  |
| Quantity (PCS)           | 1          | 1          | 1          | 1           | 1           |
| Net weight(KG)           | 1.4        | 2.0        | 2.8        | 3.6         | 4.3         |
| Gross weight(KG)         | 1.9        | 2.5        | 3.75       | 4.55        | 5.5         |

**8、 Installation indication**

