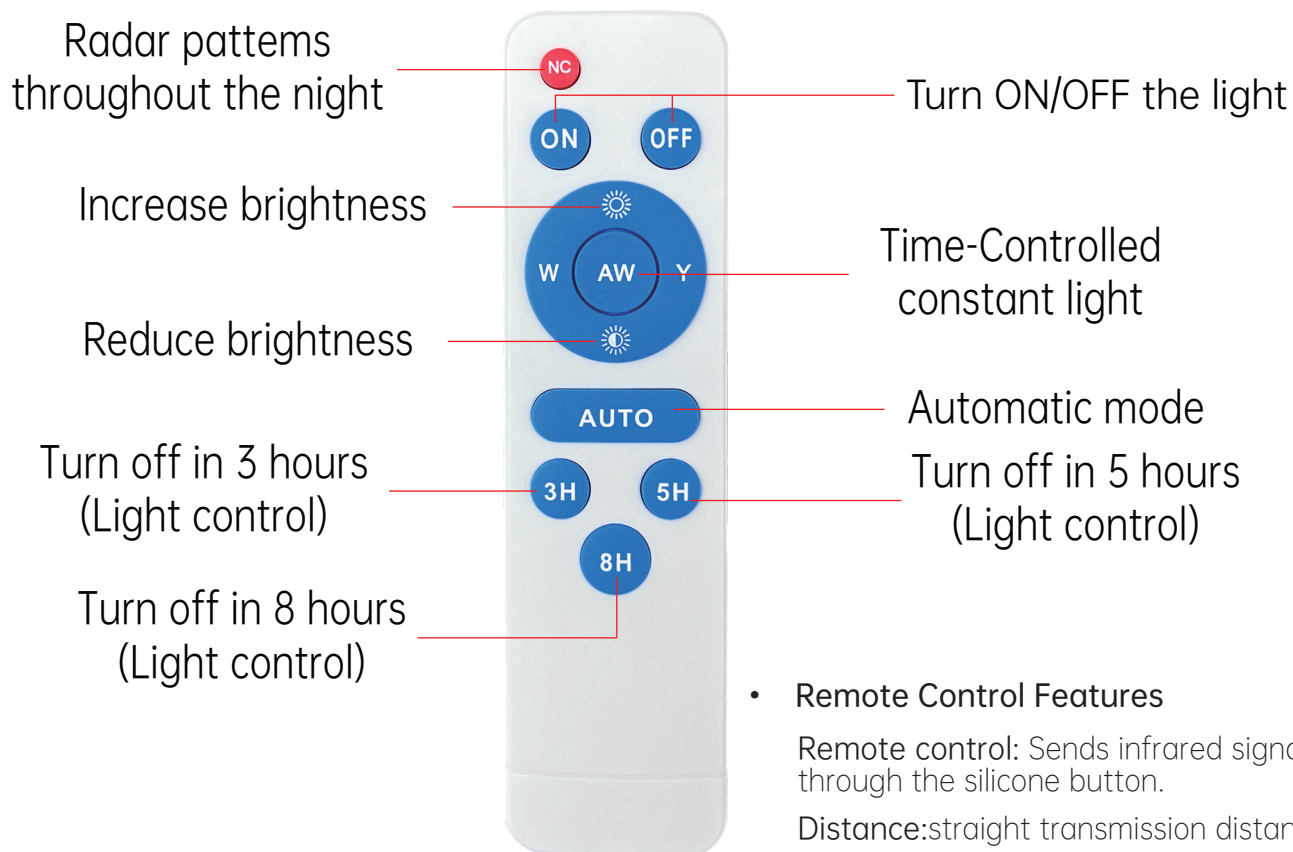


# User Manual



**Nexa Motion Sensor  
Solar Floodlight T007**

# Product Introduction :



- **Remote Control Features**

Remote control: Sends infrared signals through the silicone button.

Distance: straight transmission distance of 12 meters

- **Note: Use 2 # 7 batteries**

# What's Included :



Nexa Motion Sensor  
Solar Floodlight T007



Remote Control



Hex Bolt



User Manual

# Specification :

Luminaire Category:	T007 Nexa Motion Sensor Solar Floodlight
Input Voltage:	4~7.2V DC
Charge Time:	8~10hours
Working time:	1~2 night/12~24 hours
Rated CCT:	6500K
Ambient Temperature:	-10°C<TA<60°C
Remote-controlled distance:	Max10m (Ta 25°C)
IP Grade:	IP65
IK Grade:	IK06
Material:	Die casting aluminum & PC Lens

Product model	Solar panel power	LiFePO4 battery	Luminous flux ±10%	Net weight (Kg)	Size: (mm)		Installation height(M)	Projected area (mm <sup>2</sup> )
					W*L*H	φ		
T007E-60W	15W	3.2V/15AH	1800LM	1.9	200*573*90	63	≤4M	98400
T007E-120W	20W	3.2V/20AH	2400LM	2.9	200*753*92	65	≤5M	129000
T007E-180W	30W	3.2V/30AH	3000LM	4.2	200*1056*92	65	≤5M	189600

# Product Installation :

- We support 3 installation methods:



1

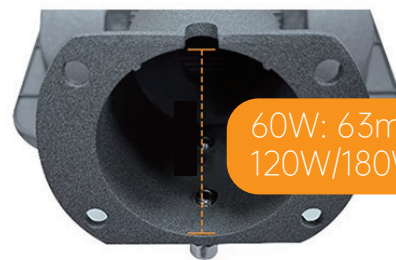
2

3

1 Install Wall

2 Hold Pole

3 Insert Pole



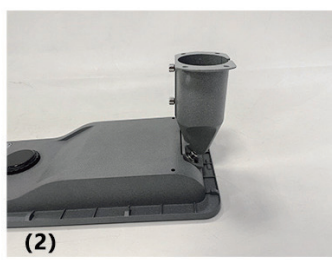
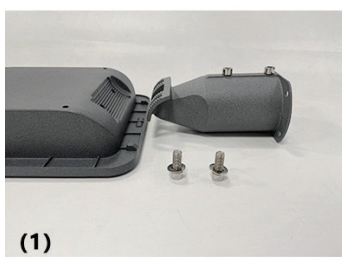
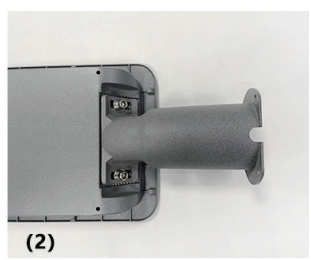
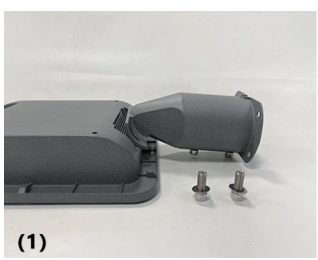
60W: 63mm  
120W/180W: 65mm

Light Pole Support

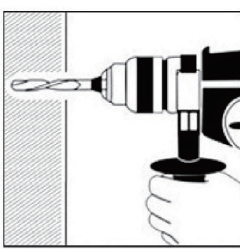
- Adjust the bracket to the desired angle using 2 hex screws (2 angles) .

1. The first angle

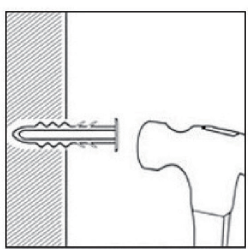
2. The second angle



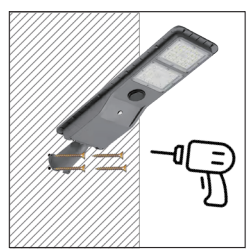
1 Install Wall



1.Choose the spot and drill with an electric drill



2.Tap the expansion plug into place with a hammer

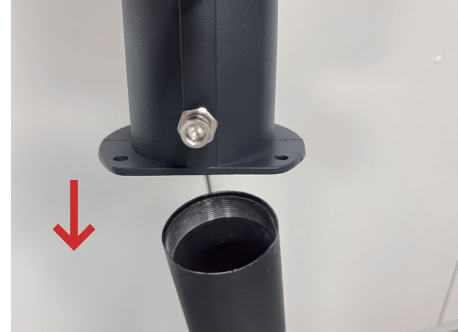
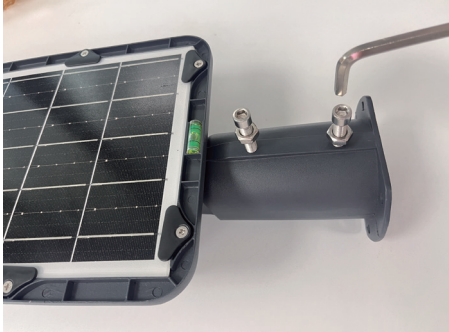


3.Match the bracket holes to the wall holes and fasten the light with screws using a drill.



## 2 Hold Pole 3 Insert Pole (The installation steps are the same)

1. Insert the remaining 2 hex screws into the mounting holes of the bracket, then attach it to the appropriate pole (Use the built-in level to ensure proper alignment during installation) .



2. Adjust the nut tightness according to the pole's diameter, Installation completed.



## Post-Installation Steps :

1. After the installation is complete, press the power button.
2. Press the "NC" button to check the battery status. After confirming there is sufficient power, press the "ON" button to turn on the light.

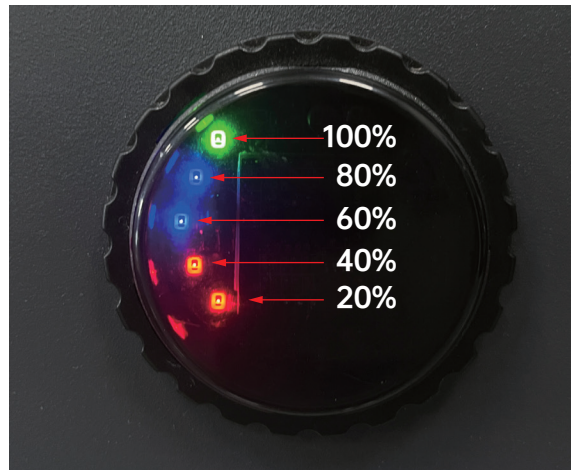


# Charging & Usage :

## 1 First Use

1. Place the light under direct sunlight for over 8 hours to activate the battery.
2. After initial use, normal charging time: 8-10 hours in sunny conditions.

## 2 Battery Indicator



**Your battery level is shown by colored lights:**

1. First red light = About 20% power
2. Second red light = About 40% power
3. Third blue light = About 60% power
4. Fourth blue light = About 80% power
5. Green light = Fully charged!

## 3 5 lighting modes

- **AUTO (Motion-Sensing Mode)**
  - Standby brightness: 15%
  - Triggered brightness: 100% (15 seconds after detection)
- **AW (Always-On Mode):**
  - 100% (10 mins) → 70% (1 hr) → 50% (4 hrs) → 40% (1 hr) → 30% (1 hr) → 20% (until dawn)
- **3H Mode:**
  - 100% (10 mins) → 70% (1 hr) → 50% (2 hrs) → Switch to AUTO mode (until dawn)
- **5H Mode:**
  - 100% (10 mins) → 70% (1 hr) → 50% (4 hrs) → Switch to AUTO mode (until dawn)
- **8H Mode:**
  - 100% (10 mins) → 70% (1 hr) → 50% (4 hrs) → 40% (1 hr) → 30% (1 hr) → Switch to AUTO mode (until dawn)

# Frequently Asked Questions :

## Problems

## Solutions

Light not turning on?	<div>1. Check charging status</div> <div>2. Verify light sensor exposure</div>
No auto-on at night?	<div>1. Reposition solar panel</div> <div>2. Test light sensor by covering it briefly</div>
Remote not working?	<div>1. Replace battery</div> <div>2. Remove nearby signal interference</div>

# After-Sales Service :

**Warranty Period:** 2 years

**Void if:** Physical damage, unauthorized disassembly,  
or natural disasters

**Factory Default Setting:**

- **AUTO:** Radar Sensing
- **Mode:** 100% of people coming, 10% of people leaving  
for 15 seconds.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Please don't open our products by yourself, it may causes water leakage.  
The power of final interpretation belong to the manufacturer.

## Warning :

1. The solar panel should be installed on the sunny surface. Do not install it under a tree or a building blocking the sunlight, which may affect the use effect.
2. Please read all following instructions before installing the unit.
3. User should prepare necessary accessories and spare parts (not provided).
4. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
5. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
6. The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0.3 m is not expected.
7. The following conditions will shorten the battery life:
  - 1) No charging for a long time;
  - 2) Working at temperatures close to or even exceeding the upper or lower limits for extended periods of time;
8. The lamp contains lithium battery, please keep a note of classification and recycling of the hazardous waste for environmental protection.