

# Installation Instructions

## LED Street Light

### 1、 To customers

Please read the user manual carefully and follow it. This will help to prevent damage of the product, prolong its lifespan; And it will be helpful for your normal use and maintenance, to ensure that your life safety. Please keep the manual properly.

### 2、 User Instruction

- ◇ When open the package please assure that the light is perfect without any damage. If any damage is found, do not install the product.
- ◇ The rated operational voltage is AC100V-305V, 50/60Hz. It should avoid wide voltage fluctuation. The input voltage should not be more than rated operational voltage.
- ◇ When the electrical continuity is connected, the lead wire should be in electric insulating.
- ◇ The ambient temperature for storage is  $-25^{\circ}\text{C}$  -  $+60^{\circ}\text{C}$ . The ambient temperature for working is  $-20^{\circ}\text{C}$  -  $+50^{\circ}\text{C}$ .
- ◇ There are pc fittings for the light. It should be handled with care.

### 3、 Using instructions

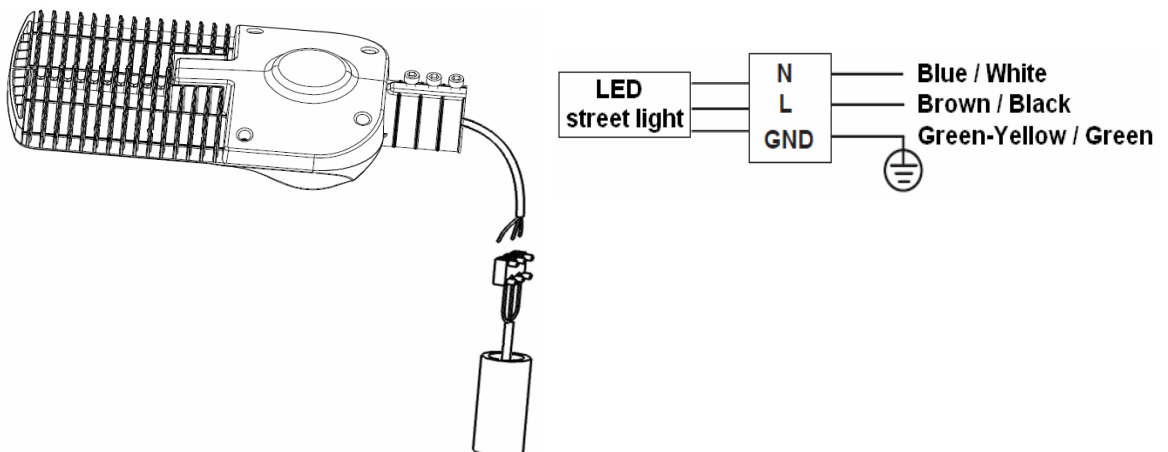
Part No.	Power	Input voltage	Input current	Working environment	Installation height	IP Rating	Product weight
ST-30W	30W	AC100-305V	0.14A/AC220V 0.28A/AC110V	Suitable for Outdoor use	4M	IP65	2.8KG
ST-40W	40W	AC100-305V	0.19A/AC220V 0.38A/AC110V		5M	IP65	2.8KG
ST-50W	50W	AC100-305V	0.24A/AC220V 0.48A/AC110V		6M	IP65	2.9KG
ST-60W	60W	AC100-305V	0.28A/AC220V 0.56A/AC110V		8M	IP65	2.9KG

### 4、 Installation Instruction

It is suggested that the LED street lights should be installed by specialized persons according to the instructions.

#### Step 1: Wiring Connection

The ex-factory of the standard components of the LED street lights include a  $3 \times 1\text{mm}^2$  cable. The power supply wire should suffer the voltage  $\geq 300/500\text{V}$ , the copper cross-section  $\geq 0.75\text{mm}^2$  of 3 copper wires inside. The installation and wiring connection should be carried out after turning the power off. Before wiring connection, the operator must check the polarity of power supply to prevent the damage of controller fuse and lamp. The mode of connection is shown by the picture as below:

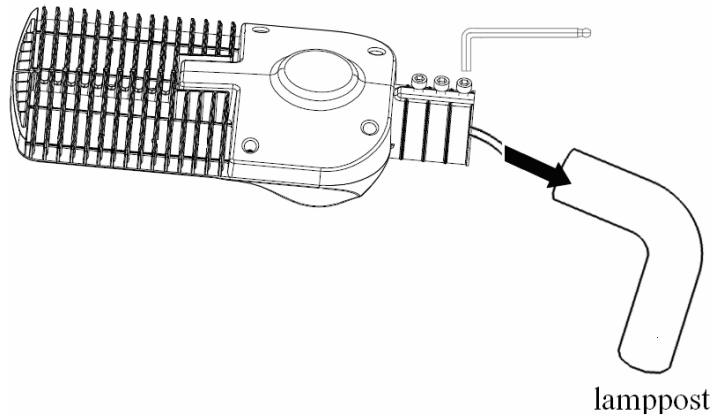


#### Remark:

For outdoor use, waterproof processing at the connection is necessary.

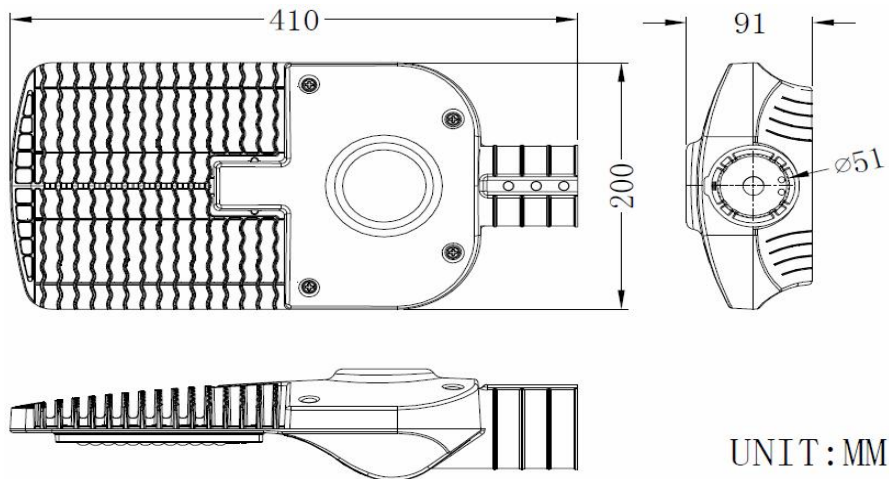
## Step 2: Install the street light to pole arm

Insert the street light holder into the pole arm . The diameter of pole arm is 50 mm. The length of connective part is 60-65mm. Adjust lamp to desired level ,wrench the M8 secure screws until tightened.



**Step 3: Switch on the power and make sure the light is on. Then the installation is done.**

## 5、 Dimension of street light



## 6、 Notice

1. Please find the professionals to install the lamp.
2. If any abnormal situation, please cut off the power supply.
3. For outdoor use, use waterproof connections.
4. Please do a good anti-thunder work in power supply input end, so it can keep stable working voltage.
5. The lamp must be grounded.
6. There is high voltage inside the lamp, please don't remove it, and prevent electric shock.
7. As there is PC accessories, please handle it gently during handling and storage. Please not use great pressure.
8. If Products is damaged in the transportation process, please contact us.