

LED FLOOD LIGHT



MODEL #	
PROJECT:	
NOTES:	
DATE:	
PREPARED BY:	

PRODUCT FEATURES:

- ❖ Optical design, greatly improved the light utilization and evenness
- ❖ High efficiency LED Driver, voltage AC120-277 ;
- ❖ Cast Aluminum design, better cooling, light quality, LED $T_j < 85^{\circ}\text{C}$.
- ❖ Photocell Control (Optional)
- ❖ 1-10V dimming (10%-100%) standard

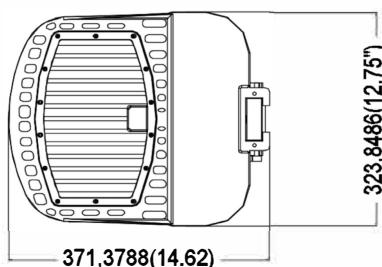
Additional Information:

- Power: 150W
- Input: AC 120-277V
- CCT : 5000K
- Output: 21929 LM
- Light Source: LUMILEDS
- Driver: SOSEN POWER



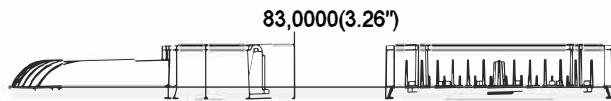
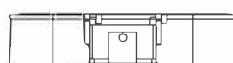
PRODUCT APPLICATIONS:

The FLOOD LED Lighting Series can be widely used Indoor or Outdoor (Wet Location) Excellent for Underground Parking Lots, Museums, Art Galleries, Sidewalks, Buildings, Schools, Residential Areas and many other applications



Structure Features:

- Shell Materials: Aluminum & PC
- Finish: Dark Bronze/White/Black
- Net Weight: 4.2KG (9.3 LBS)
- **Product Size: 371.37mm*323.84mm*83mm**
- **Carton Size: 436mm*388mm*143mm**

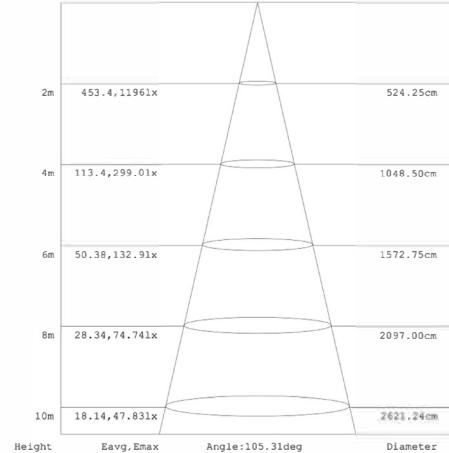
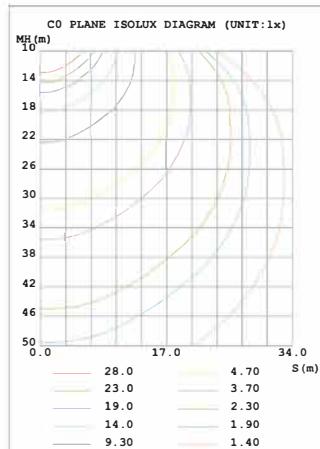
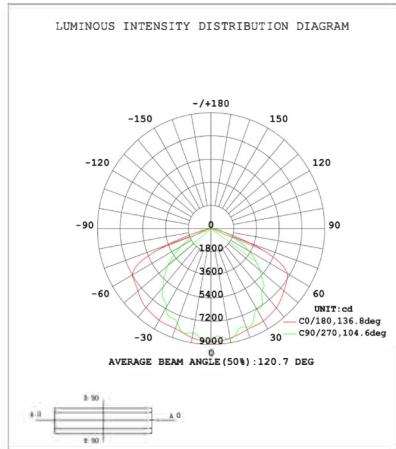


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TECHNICAL PARAMETERS:

Type	CODE: 90275-150		
Power	150W	Lighting Angle	120°
Input Voltage	AC120-277V	LED Brightness Decay	<5%/6000 hrs
PF	>0.99	Working Life	>75000 hrs
Driver Efficiency	>90%	Working Temperature	-30 - +45 °C
Luminous Flux	21929 Lm	Storage Temperature	-40 - +80 °C
Color Temperature	4000K/5000K	Protection Level	Wet Location/IP66
CRI	Ra>70	Cable	Input Connect (0.5m)

PHOTOMETRY:



Company	FL	15W	27	XXX	Z	U	P
LPT	Product	Power	Voltage	ColorTemp	FINISH	Mounting Mean	Control
	FL Flood Light	10W(100W) 15W(150W) 20W(200W)	27 AC120-277V	40K (4000K) 50K (5000K) ± 500K	D Dark Bronze W White	S Slip fitter T Trunnion A Arm	P 120-277V Photocell

LED FLOOD LIGHT

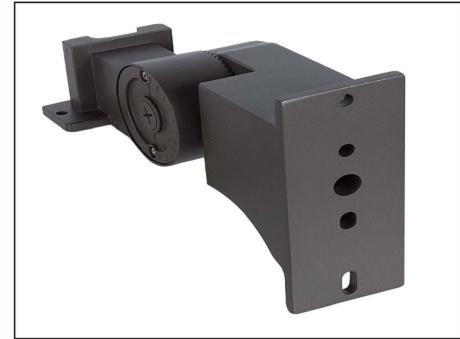
MOUNTING OPTIONS



Slipfitter Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm.

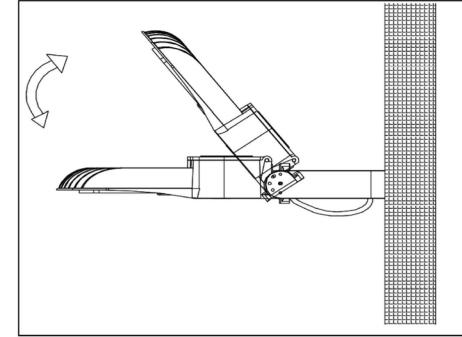
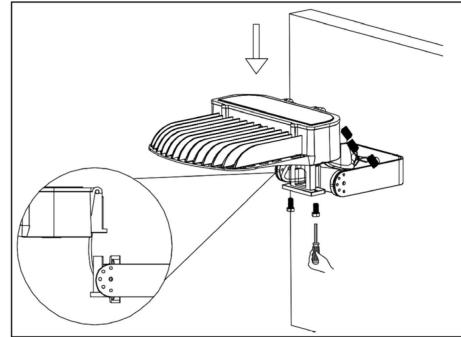
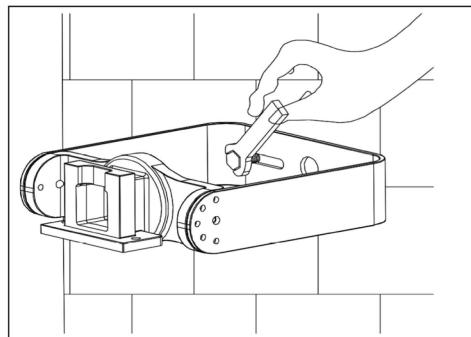
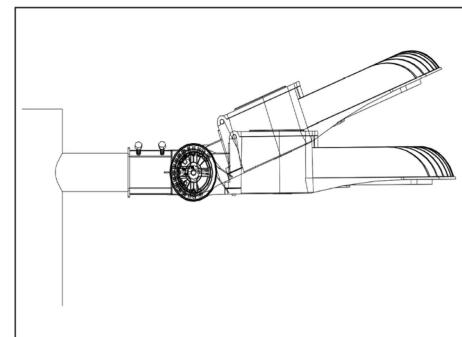
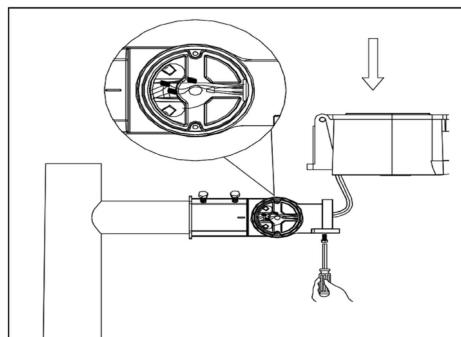
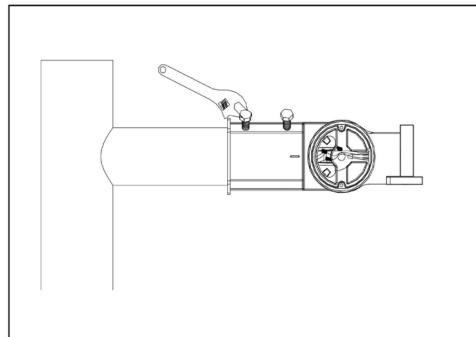


Wall Mount Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring mounting



Arm Mount 4p and 5p Square and Round poles) Standard versatile mounting arm is simple to install and can be used with existing poles for retro fit installations.

MOUNTING DIMENSIONS



LED FLOOD LIGHT

POLE BRACKET

- For mounting one fixture on an existing pole

	<p>4" Square Pole Mount with 2-3/8" O.D. Tenon No. 1L-VT4-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p>3" Round Pole Mount with 2-3/8" O.D. Tenon No. 1L-VT3-D Finish: Dark Bronze USE: For use with round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
	<p>5" Square Pole Mount with 2-3/8" O.D. Tenon No. 1L-VT5-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p>4" Round Pole Mount with 2-3/8" O.D. Tenon No. 1L-VT4-D Finish: Dark Bronze USE: For use with round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>

WALL BRACKET

- Attaches to any flat surface
- Provides wiring access

MID-POLE TENON BRACKET

	<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon No. 1L-ADP2.5-90-D Finish: Dark Bronze USE: The 90° wall mount bracket with 2-3/8" tenon attaches an floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and abult-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p>2-3/8" OD Horizontal Tenon Mid-Pole Bracket No. 1L-ADP2.5-D Finish: Dark Bronze USE: 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slipfitter onto a 2-3/8" OD horizontal tenon</p>
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ROUND EXTERNAL MOUNT HORIZONTAL TENON • To mount 2/3/4 fixtures on an existing pole

	<p>Double 90° Horizontal Tenon Adaptor No. 1L-SB2.5TW90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Triple 120° Horizontal Tenon Adaptor No. 1L-SB2.5TR120-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Double 180° Horizontal Tenon Adaptor No. 1L-SB2.5TW180-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Quad 90° Horizontal Tenon Adaptor No. 1L-SB2.5QD90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Single Spoke Bracket Tenon Adaptor No. 1L-SB2.5S-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Double 180° Horizontal Tenon Adaptor No. 1L-RB2.5D180-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Triple 180° Horizontal Tenon Adaptor No. 1L-RB2.5TR180-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Triple 90° Horizontal Tenon Adaptor No. 1L-RB2.5QD90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Slip Fitter Square tube turn tube Tenon Adaptor No. 1L-SADP-BAR Finish: Dark Bronze USE: For square tube light bar installation, with slip Fitter installation of lamps.</p>		<p>Arm Square tube turn tube Tenon Adaptor No. 1L-ARM-BAR Finish: Dark Bronze USE: square tube light bar installation, with Arm installation of lamps.</p>

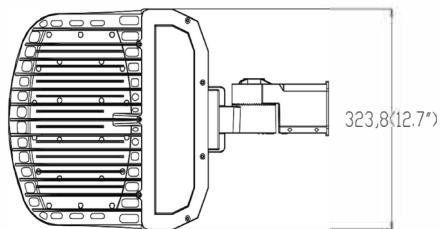
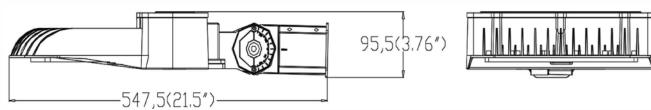
LED FLOOD LIGHT

PHOTOCELL & MOTION SENSORS

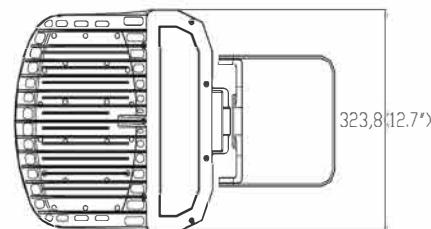
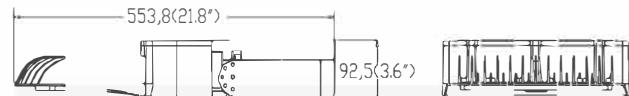
	<p>Photocell No. LC-10DT Finish: Blue USE: Used for indoor or outdoor LED lamps, working with light sensing principle, the LC-10DT sensor (LC-10DT for 120-277V) is used for Light sensor</p>		<p>SPECIFICATIONS AND CHARACTERISTICS:</p> <ul style="list-style-type: none"> UL Listed. Reference No.: E178670 Volts & Cover Color Blue standard for 120-277VAC Turn-ON Light Level: 10-16 Lux Turn ON/OFF Ratio: 1:3 to 4 Time Delay: 3-15 sec Operating Temperature: -40°C to +70°C Relay: 15A MOV Surge Protection: 90J, 160J, 320J, 360J (4 options) Energy Consumption: Less than 1Watt (120V<0.5W) Electrical Life: >5000 cycles Sensor Type: Silicon Photocell Housing: UV stabilized PC Failure Mode: Fail ON (standard), Fail OFF (for your option)
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PRODUCT DIMENSIONS (unit: inch/mm)

100W/150W/200W (Slipfitter Mount)



100W/150W/200W (Wall Mount)



LED FLOOD LIGHT

Installation guide

 **Notice**

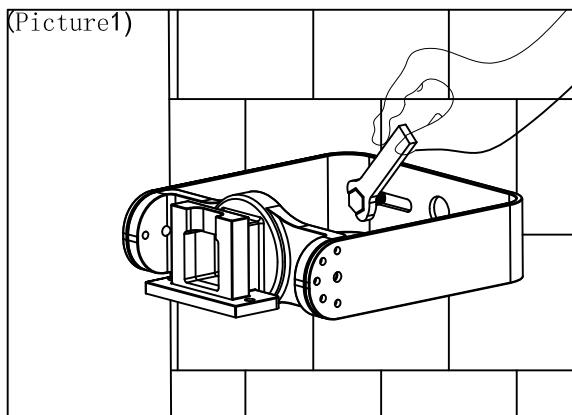
PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- To prevent personal injury or product damage only licensed electricians should install.
- To avoid electric shock or component damage disconnect power before attempting installation or servicing.
- This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- This luminaire is designed to operate in ambient temperatures ranging from -30°C to 45°C and to be horizontally mounted with the LEDs facing down.

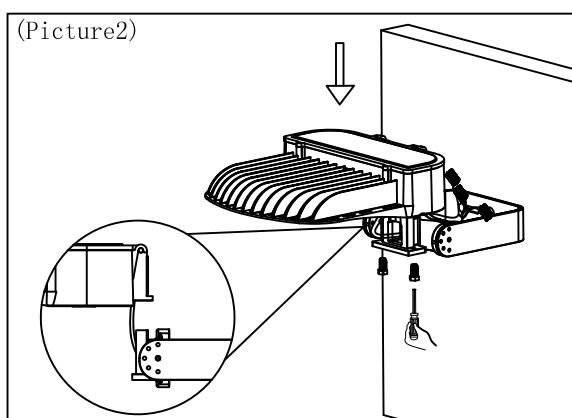
Unpacking

Check the damage fixture thoroughly, Report to the carrier if goods damaged

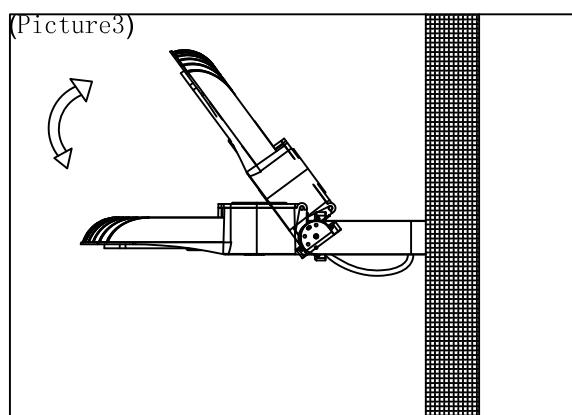
1. Installation



1. Fix the bracket on the wall and tighten the screw. (as shown in the picture)

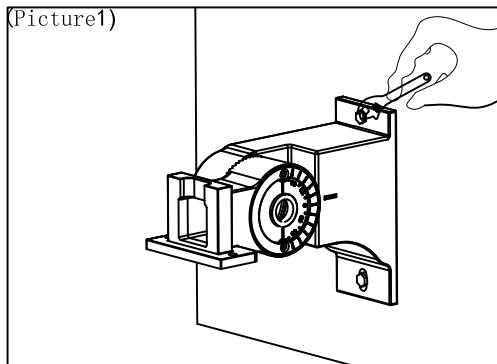


2. The luminaire is mounted on the bracket adapter, and tighten two fastening screws at the bottom of the bracket adapter, and then connect the power supply AC line of the arm adaptor according to the requirements. (as shown in the picture)



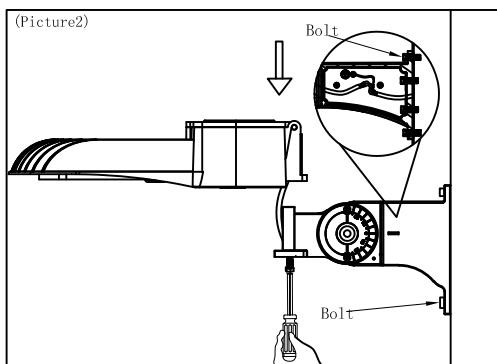
3. according to the use environment of lamps and lanterns, customers can adjust the rotation angle of lamps and lanterns.

2. Installation

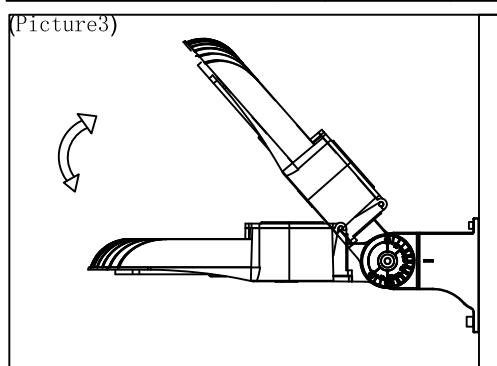


1. Fix the ARM adapter on the wall and tighten the screws. (as shown in the picture)

Note: A listed canopy (IFFX/7) must be provided by client and mount it between outlet box and luminaire.

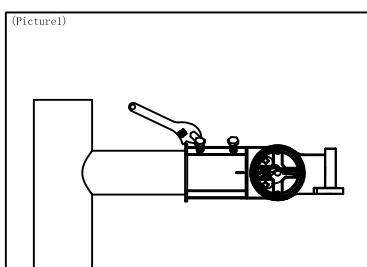


2. luminaire is installed on the arm adapter and tighten two fastening screws at the bottom of the arm adapter, then connect the power supply AC line in the arm adapter according to the requirements. (as shown in the picture)

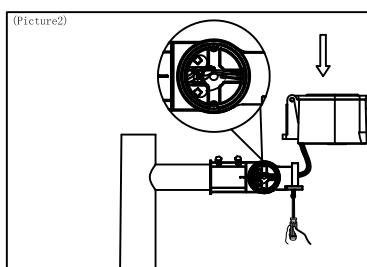


3. according to the use environment of lamps and lanterns, customers can adjust the rotation angle of lamps and lanterns.

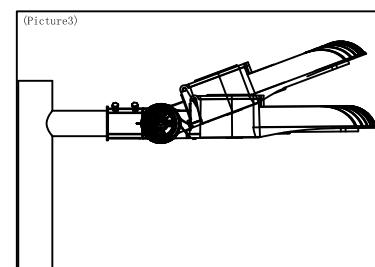
3. Installation



1. install the slip sleeve installer on the garden pole and tighten the screws, then connect the power cord. (as shown in the picture)

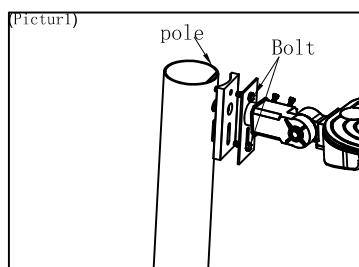


2. Fix the luminaire on SLIP FITTER and tighten the bottom screw. (as shown in the picture)



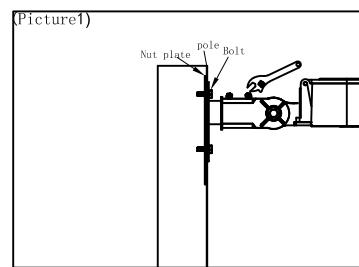
3. Adjust the angle of the lamps and lanterns according to the requirements. (as shown in the picture)

4. Installation



Drill holes on the garden rod corresponding to the hole on the square adapter, and fix the fixture to the adapter with bolts and nut plates.

5. Installation



Drill holes on the square pole corresponding to the holes on the arm, and use the bolt and nut plate to fix the fixture to the pole tightly

Installation guide

