

LED AREA Light Instructions

Cautions:

- 1 Can not use the electric generator to test the LED lamp.
- 2 Please abide by related country, regional and local law and regulations when install this fixture.
- 3 To avoid electrical shock and damage, please do not install the lights in raining days.

Notices:

- 1 To prevent from electric shock or fire risk, the installation must be conducted by operator who have professional electrical knowledge.
- 2 Please wear gloves to avoid injury before installing lamps.
- 3 During or after installation, if there are situations such as smoke, fire in the wires or lamps, please turn off the power immediately and notify relevant personnel of an overhaul.
4. This light can be used for outdoor installation.

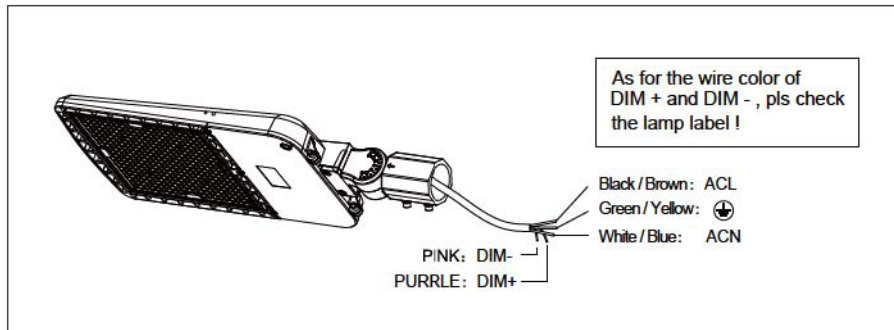
Instructions:

- 1 This product has dimming and non-dimming function, which differs in installation ways.
- 2 3 kind of dimming functions are available in this shoebox light:
 - 1) Constant current can be achieved by 0-10VDC dimming.
 - 2) PWM signal dimming.
 - 3) Variation of resistance unit dimming(Please choose the appropriate dimming way according to your needs. You can also choose not to use this function)
- 3 Choose the wire connection ways, dimming ways and installation ways according to your needs and the LED fixture purchased.

Parameters

Part No.	Input Voltage	Frequency	Power	Rated Current
TPALUS150T4AXX	AC120-347V	50/60Hz	150W	1.375A
TPALUS300T4AXX			300W	2.75A

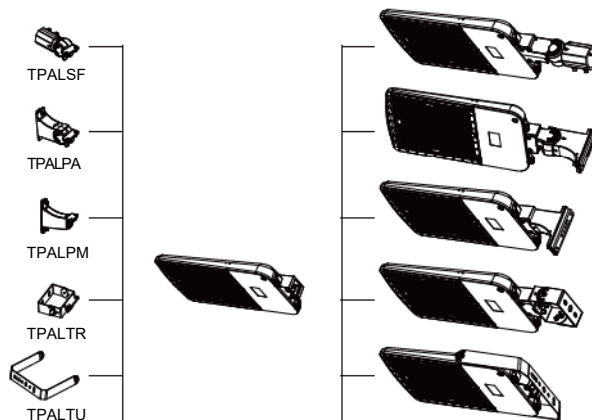
Wiring Diagram:



Optional Brackets and Installation Instructions

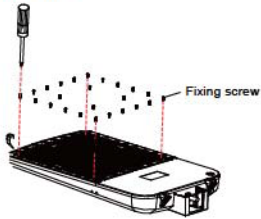
There are 5 optional brackets for this fixture.

The following is shoebox fixtures with different brackets.

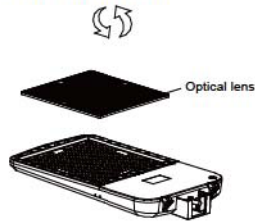


Operation Instruction of Rotating Optical Lens

Step 1. First loosen the fixing screws on the lens screws (total 24PCS), as shown in the figure;



Step 2. Remove the optical lens, rotate it clockwise or counterclockwise to a desired angle, as shown in the figure;

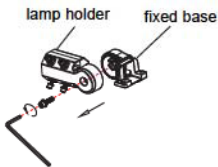


Step 3. Put back the adjusted optical lens, lock screws back, as shown in the figure.

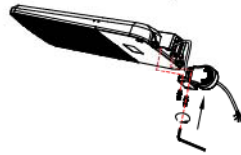


TPALSF (Slip Fitter) Installation

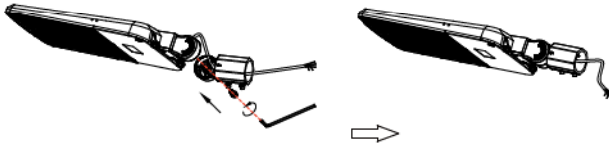
Step 1 : Disassemble the slip-fitter with a wrench.



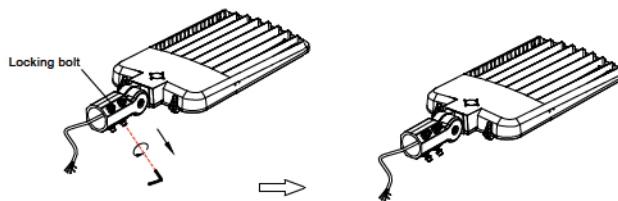
Step 2: Pass the fixture's AC input wires through the fixing base, then tighten screws to assemble fixing base to fixture body.



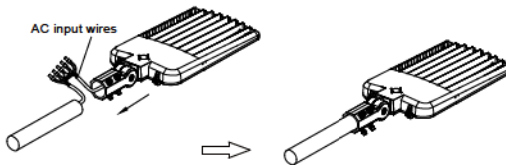
Step 3: Pass the fixture's input wires through the lamp holder and lock it.



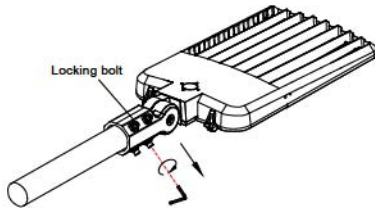
Step 4: Loosen the 4 locking bolts in the Type A bracket by a wrench.



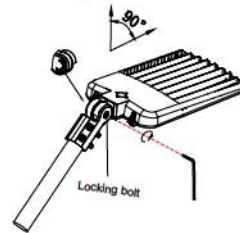
Step 5: Connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (White), PE to PE (Green); If need to connect dimming wires from the pole to fixture, please also use the connector to connect "Dim +"(purple) to "Dim +"(purple) to "Dim -"(pink) to "Dim -"(pink).



Step 6: Tighten the 4 locking bolts back.

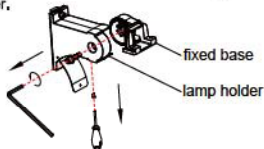


Step 7: Loosen the locking bolt in the slip-fitter by a wrench to adjust fixture to a appropriate angle, adjustable angle range 90 then this locking bolt.



TPALPA (Square / Round pole mount with slip fitter function) Installation

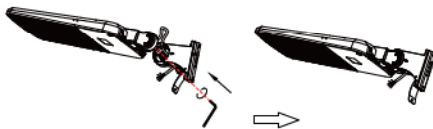
Step 1 : Disassemble the bracket with a wrench, open the cover on the lamp holder.



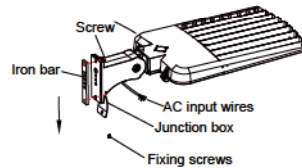
Step 2: Pass fixture's AC input wires through fixing base, tighten screws to assemble fixing base to fixture body.



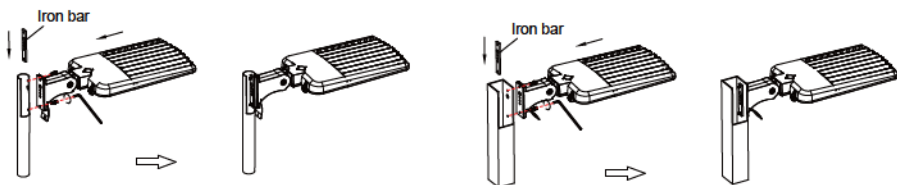
Step 3: Pass the fixture's input wires through the lamp holder and lock it.



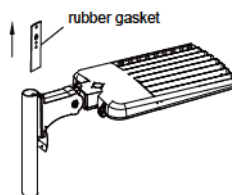
Step 4: Remove the screws with screwdriver, well set the installed iron bar, remove the screws to open the junction box cover, then pass fixture's AC input wires through junction box as shown in step 3.



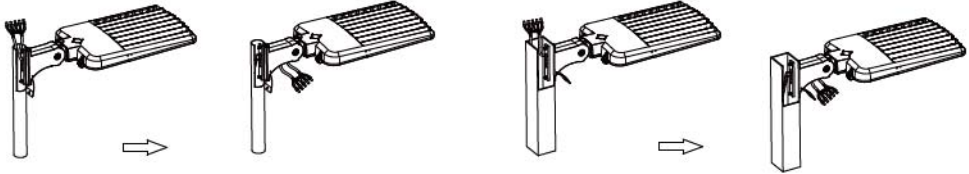
Step 5: When install to square/round pole, align the holes of Type B bracket and pole, pass the fixing screws throughout both holes, then put iron bar inside of pole to attach screws.



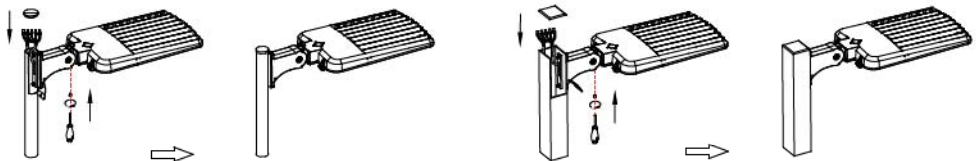
Attention: When install round pole, please remove the rubber gasket.



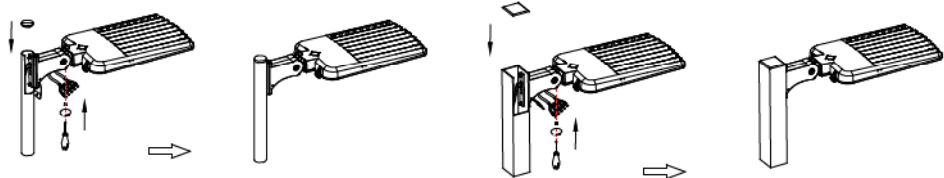
Step 6: 1. Pass the fixture's AC input wires through pole, pull them out together the pole-wires for connection,
 2. Pass the pole-wires into Type B bracket, pull them out together with fixture's AC wire from junction box, connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (White), PE to PE (Green); If need to connect dimming wires from the pole to fixture, please also use the connector to connect "Dim +"(purple) to "Dim +"(purple), "Dim -"(pink) to "Dim -"(pink).



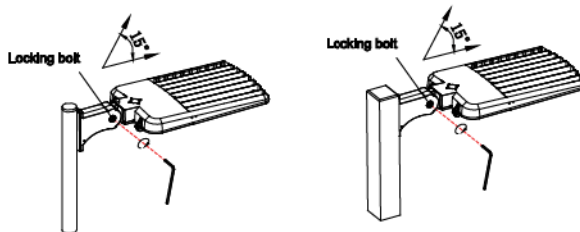
Step 7: 1. Push the connected wires into the pole, close the pole's top cover, then close the junction box cover by tightening the screws.



Step 7: 2. Push the connected wires into bracket junction box, close the box cover by tightening the screws, then close the pole's top cover.

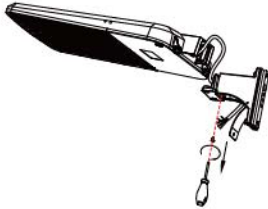


Step 8: Loosen the locking bolt by a wrench to adjust the fixture to an appropriate angle, adjustment range 15°, then tighten this locking bolt.

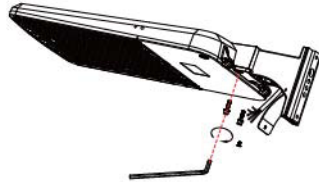


TPALPM (Square / Round pole mount) Installation

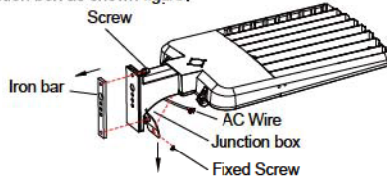
Step 1: Loosen the screws from the TYPE C bracket, open junction box cover; pass fixture's AC input wires through TYPE C bracket.



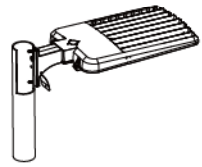
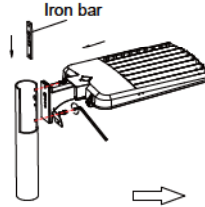
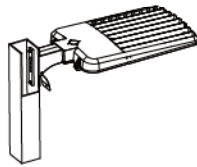
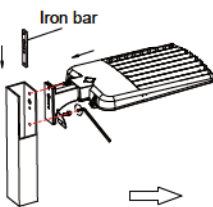
Step 2: Assemble TYPE C bracket to fixture body by tightening screws with a wrench.



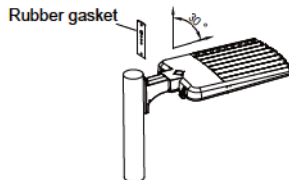
Step 3: Remove the screws with screwdriver, well set the iron bar, remove the screws to open the junction box cover, then pass fixture's AC input wires through junction box as shown figure.



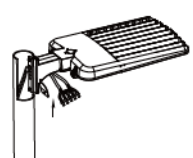
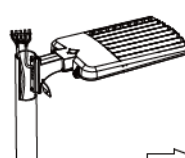
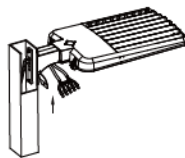
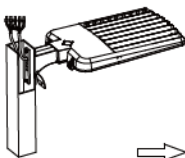
Step 4: When install to square/round pole, align the holes of Type C bracket and pole, pass the screws throughout both holes, then put iron bar into pole to attach to screws.



Attention: When install to round pole, please remove the rubber gasket.



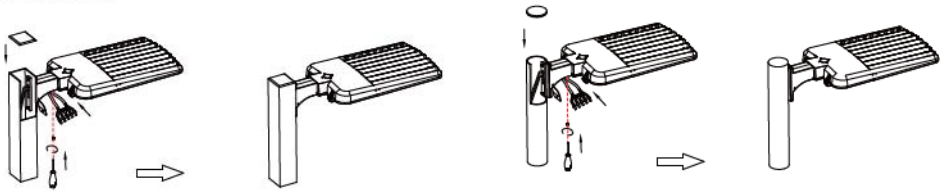
Step 5: 1, Pass the fixture's AC input wires through the pole, pull them out together the pole-wire for connection. Or pass the pole-wires into Type B bracket, pull them out together with fixture's AC wire from junction box, connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (White), PE to PE (Green)



Step 6: 1. Push the connected wires into the pole, close the pole's top cover, then close the junction box cover by tightening the screws.

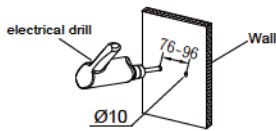


Step 6: 2. Push the connected wires into bracket junction box, close the box cover by tightening the fixing screws, then close the pole's top cover.

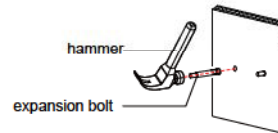


TPALTR (Trunnion) Installation

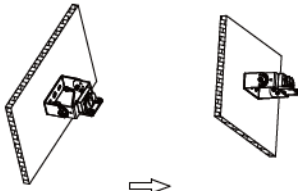
Step 1: Mark the fixing holes locations on the wall with Type D bracket, then drill the hole in 10mm diameter with an electric drill;



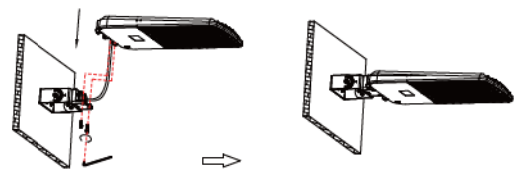
Step 2: Knock the two expansion bolts into wall with a hammer



Step 3: Fix the TYPE D bracket on the mounting-surface by tightening screws with a wrench.

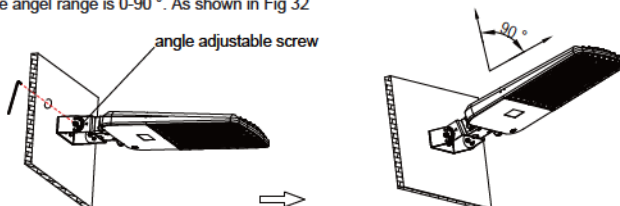


Step 4: Pass the fixture's AC input wires through the Type D bracket; then hang the fixture into the TYPE D bracket, tighten screws to lock it to Type D bracket with a wrench.



Step 5: Loosen the angle adjustable screws on both sides of Type D bracket, rotate fixture to an appropriate angle required and tighten the two screws, see fig.31; then connect the fixture's

Note: The adjustable angel range is 0-90°. As shown in Fig 32

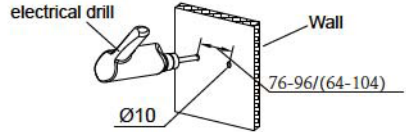


TPALTU (Yoke) Installation

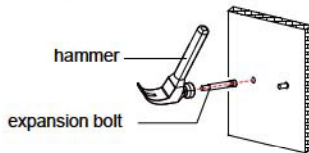
Step 1 . Loosen the screws on both sides of the bracket with a wrench, adjust TYPE E bracket's angle to keep parallel with its installation surface.



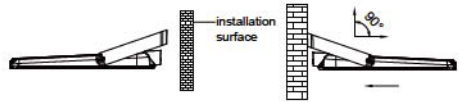
Step 2: Mark the installing hole locations on the wall with Type E bracket, then drill the holes in 10mm diameter with an electric drill.



Step 3: Knock the one expansion bolt into each wall-hole with a hammer.

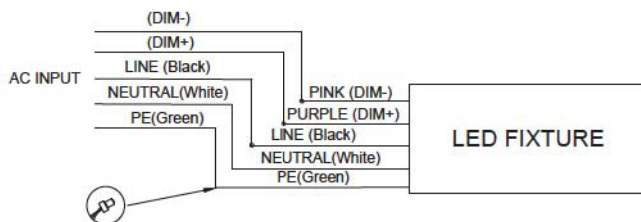


Step 4: Put Type E bracket to expansion screw for wall-installing by tightening the nut with a wrench, connect fixture's AC input wire to L N PE, then make waterproof processing to joints, put wires back into junction box.

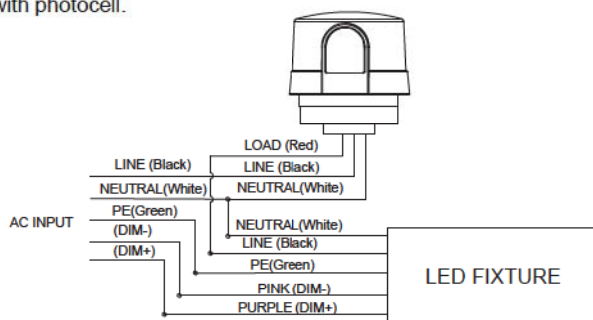


Note: The adjustable angel range is 0-90°.

Wiring diagram without photocell and motion sensor.



Wiring diagram with photocell.



Wiring diagram with motion sensor.

