

100W LED AREA LIGHT

PF-SL-AL180-100W-BK

PROTTOFOS
LIGHTING MANUFACTURER

INSTALLATION INSTRUCTIONS

⚠ IMPORTANT SAFETY INFORMATION ⚠ (READ CAREFULLY BEFORE INSTALLING FIXTURE)

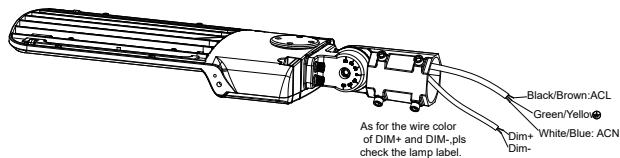
- ⚡ **RISK OF SHOCK.** Turn off the power supply at the fuse or circuit breaker box before installation.
- ⚡ Proper grounding is required.
- Must be wired in accordance with the National Electric Code and all applicable local codes, by a qualified person familiar with the construction and operation of the product and the hazards involved.



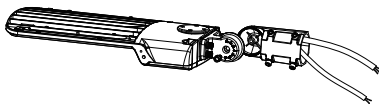
MIN 75 °C SUPPLY CONDUCTORS

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

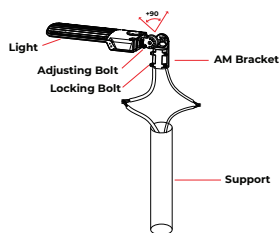
WIRING DIAGRAM:



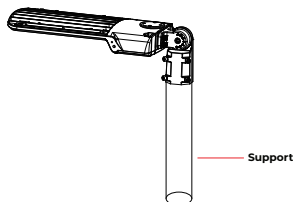
STEP 1



STEP 2

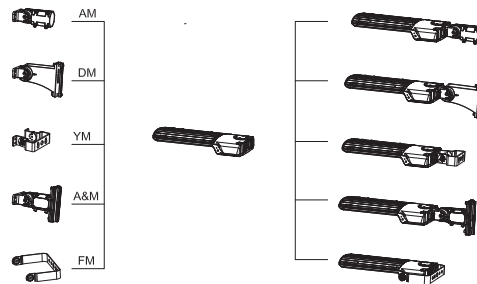


STEP 3



Optional Brackets and Installation Instructions

There are 5 optional brackets for this fixture. The following is an area light with different brackets.



INSTALLATION

SLIPFITTER MOUNTING (e=AM)

STEP 1) Remove the bracket mounting screws on the fixture and pass the wires through the bracket. Install the bracket on the fixture.

STEP 2) Connect the wire correctly and put the wires into pole. Then fasten the locking bolts, between slip fitter and the pole.

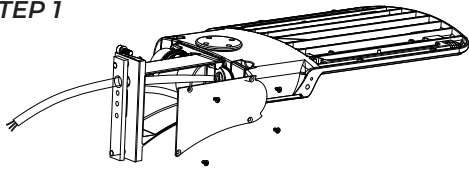
STEP 3) Loosen the fixing bolts and adjusting bolts, align the fixture to required angle. Tighten adjusting bolt and fixing bolts after the angle is confirmed.

NOTICE: Adjustable angle is 0~+/-90°.

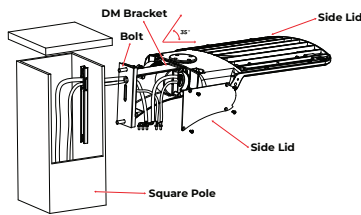


Protofos Corporation
www.prottfos.com

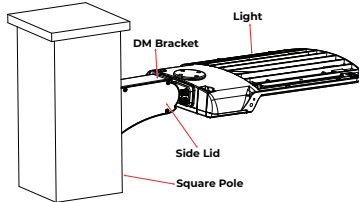
11350 Old Roswell Rd, Ste 1100, Alpharetta, GA 30009
Information contained here is subject to change without notice

STEP 1**POLE MOUNTING (e=DM)**

STEP 1) Remove the bracket mounting screws on the fixture, open the side lid of bracket and pass wire through the bracket. Install the bracket on the fixture, then cover the side lid and tighten it.

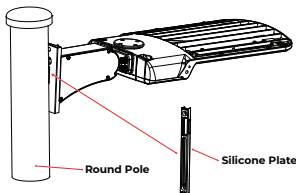
STEP 2

STEP 2) Fix the DM bracket to the square pole with bolt, open the side lid of DM bracket, pull the wire into junction box, and connect the wires correctly.

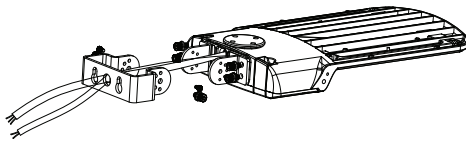
STEP 3

STEP 3) Put the connected wires into the junction box, then cover the junction box.

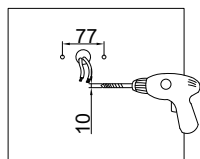
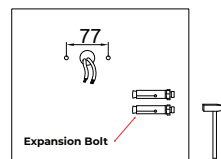
NOTICE: Adjustable angle is 0-35°.

STEP 4

STEP 4) Same as round pole installation, please remember to remove the silicon plate when install the fixture in, round pole.

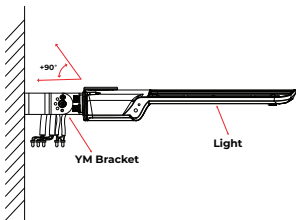
STEP 1**YOKE MOUNTING (e=YM)**

STEP 1) Remove the bracket mounting screws on the fixture and pass the wires through the bracket. Install the bracket on the fixture.

STEP 2**STEP 3**

STEP 2) Drill holes on the wall as shown in Figure Step 2.

STEP 3) Knock the expansion bolts into the wall.

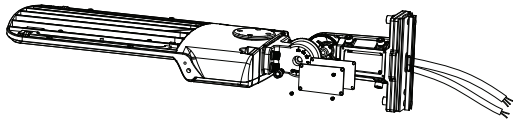
STEP 4

STEP 4) Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box.

NOTICE: Adjustable angle is 0-90°.



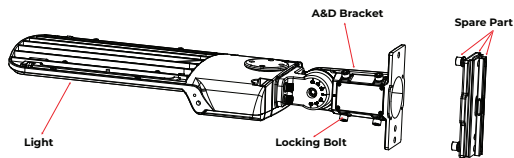
STEP 1



SLIP FITTER MOUNTING & POLE MOUNTING (e=A&D)

STEP 1) Remove the bracket mounting screws on the fixture, open the side lid of bracket and pass wire through the bracket. Install the bracket on the fixture, then cover the side lid and tighten it.

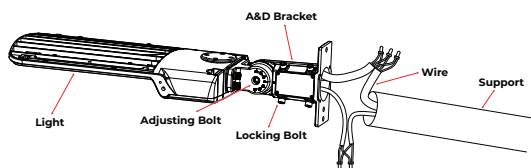
STEP 2



SLIP FITTER MOUNTING

STEP 2) Remove the spare parts from A&D bracket.

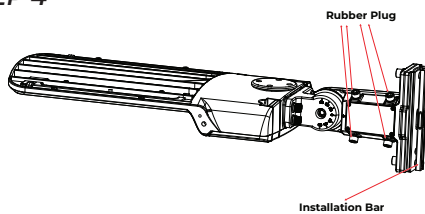
STEP 3



STEP 3) Loosen the four bolts on A&D bracket, connect the wires correctly, and pull the wires into the pole, Place the bracket into the pole and lock the four bolts.

NOTICE: Adjustable angle is 0-90°.

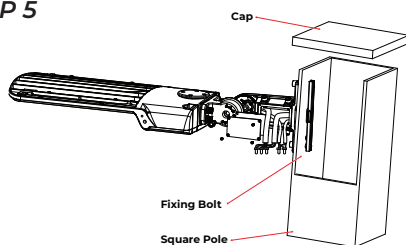
STEP 4



POLE MOUNTING

STEP 4) Remove the four bolts from A&D bracket, remove the four rubber from installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproof purpose.

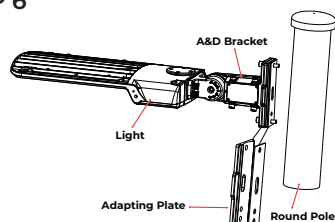
STEP 5



STEP 5) Fix the A&D bracket to the square pole with bolt, open the cover of A&D bracket junction box, pull the wires into bracket junction box, connect the wires properly and cover the junction box.

NOTICE: Adjustable angle is 0-90°.

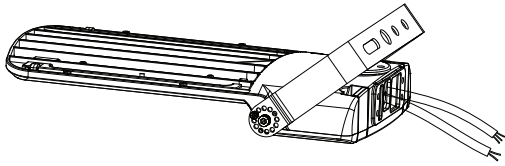
STEP 6



STEP 6) Same as round pole installation, please remember to use the adapting plate for round pole installation.



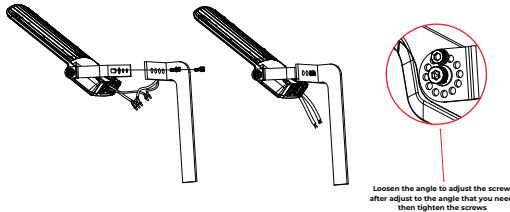
STEP 1



FLOOD MOUNTING (e=FM)

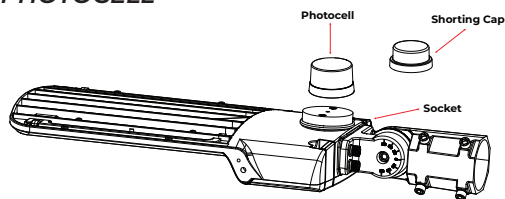
STEP 1) First install two big screws.

STEP 2



STEP 2) Install the mount to the fixture, tighten the mount and install the screws. Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box.

PHOTOCELL

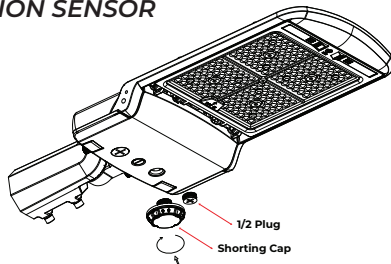


Instructions for Photocell

When the photocell function is required, photocell should be installed on the back of light; When it's not required, shorting cap should be installed on the back of light.

Standard wire: (Step 1)
L/live wire: Black\Brown
N/null wire: White\Blue
Ground wire: Green\Yellow-green

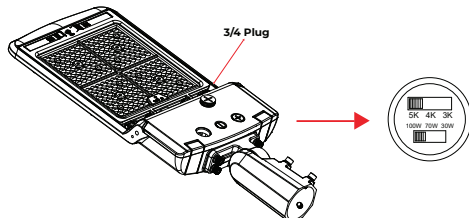
MOTION SENSOR



Instructions for Motion Sensor

1. Unscrew the 1/2 plug.
2. For products with motion sensor function, the induction module should be installed on the socket.

WATTAGE & CCT ADJUSTMENT



Wattage & CCT Adjustment

1. Unscrew the 3/4 plug.
2. Adjust the integrated switch for CCT & Wattage adjustable to get the desired CCT and Wattage according to the label on the fixture.
3. Install and tighten the 3/4 plug.

