ProLED® SekTor Area
Installation Instructions

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

This product must be installed by a certified electrician who is familiar with the construction and operation of the luminaire and aware of the hazards involved. Installation must comply with the National Electrical Code (NEC), related regional standards, and all applicable local code requirements. Before installation, verify that all parts and any purchased accessories are included and that the fixture has not been damaged during shipping.

WARNING – RISK OF ELECTRIC SHOCK

- Disconnect power at the fuse or circuit breaker before installing, wiring, servicing, or performing any maintenance on this luminaire.
- Verify that the supply voltage matches the rating on the luminaire label before energizing.
- Proper grounding is required for safety.
- All wiring connections must be secured using UL-listed wire connectors.
- Do not use an electric generator to test the luminaire.
- If any smoke, spark, or abnormal condition is observed, disconnect power immediately and contact qualified service personnel.

CAUTION – RISK OF INJURY

- The luminaire may fall if not installed properly. Follow all installation instructions and ensure mounting hardware is adequately secured.
- Wear gloves and safety glasses when unpacking, installing, or servicing the luminaire.
- Avoid direct eye exposure to the light source when the luminaire is energized.

CAUTION – RISK OF FIRE

- Keep combustible materials and any items that can burn away from the luminaire,
- Use minimum 90°C rated supply conductors.
- Maintain adequate clearance around the luminaire for proper heat dissipation.

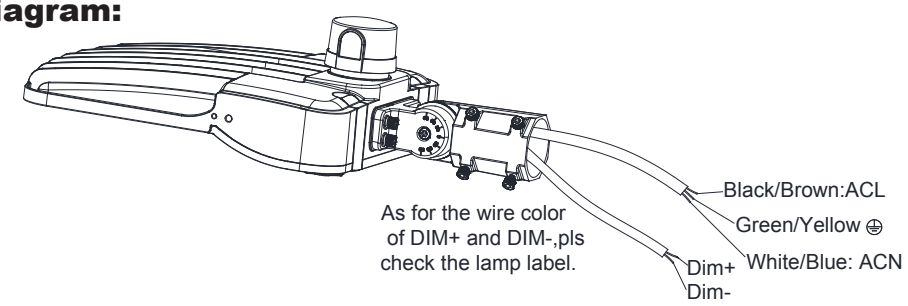
NOTICE

- Inspect the luminaire for any damage before installation. If damage is found, contact the manufacturer.
- Read all installation instructions completely before beginning installation.

Wiring Instructions:

1. Ensure power is turned off before making any wiring connections
2. Connect the Black/Brown fixture lead to the LINE (Hot) supply lead
3. Connect the White/Blue fixture lead to the NEUTRAL supply lead
4. Connect the Green/Yellow fixture lead to the GROUND supply lead
5. Connect the Purple fixture lead to the 0–10V DIM (+) control lead. *(Cap this lead if dimming is not used)*
6. Connect the Pink fixture lead to the 0–10V DIM (–) control lead. *(Cap this lead if dimming is not used)*

Wiring Diagram:



Optional Brackets and Installation Instructions

There are 4 optional brackets for this fixture. The following is shoebox fixtures with different brackets.

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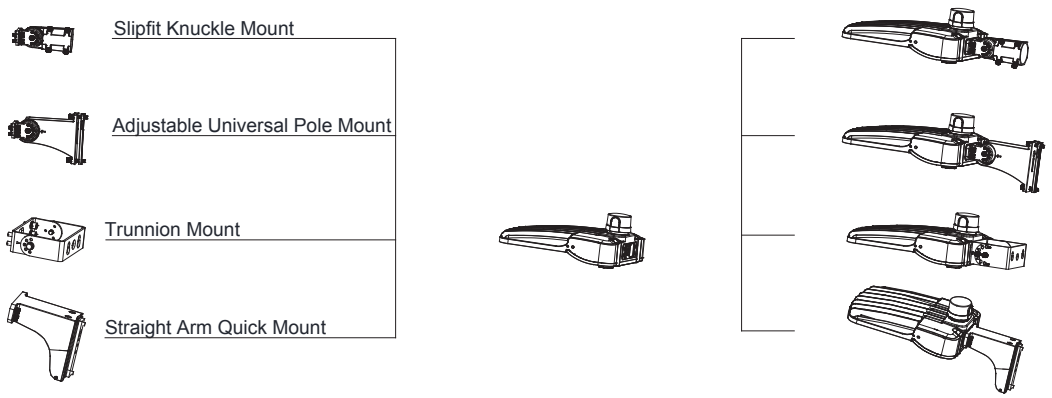
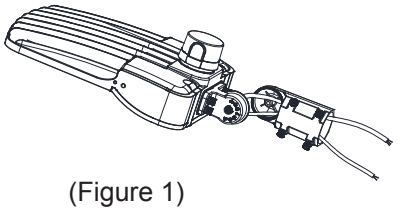


Installation Instructions with different brackets

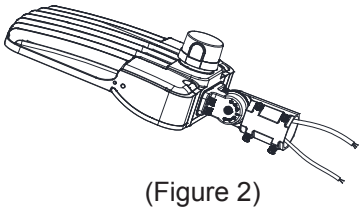
1.SLIPFIT KNUCKLE MOUNTING

Step 1: Remove the bracket mounting screws on the fixture and pass the wires through the bracket. (Figure 1)

Step 2: Install the bracket on the fixture. (Figure 2)



(Figure 1)

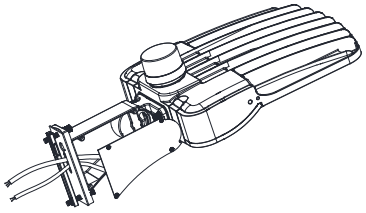


(Figure 2)

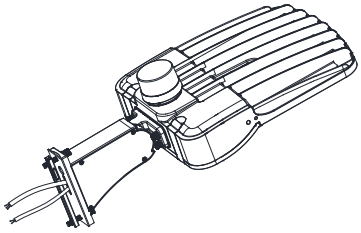
2. ADJUSTABLE UNIVERSAL POLE MOUNTING

Step 1: Remove the bracket mounting screws on the fixture,open the side lid of bracket and pass the wires through the bracket. (Figure 3)

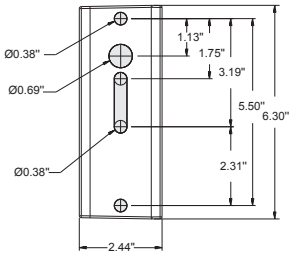
Step 2: Install the bracket on the fixture, then cover the side lid and tighten it . (Figure 4)



(Figure 3)



(Figure 4)

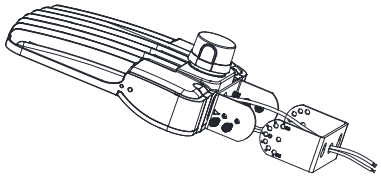


(SEK-PM Drill Patterns)

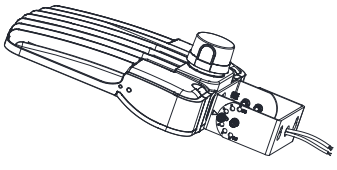
3. TRUNNION MOUNTING

Step 1: Remove the bracket mounting screws on the fixture and pass the wires through the bracket. (Figure 5)

Step 2: Install the bracket on the fixture. (Figure 6)



(Figure 5)



(Figure 6)

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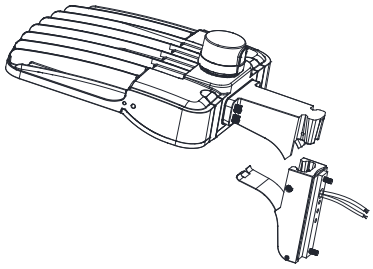
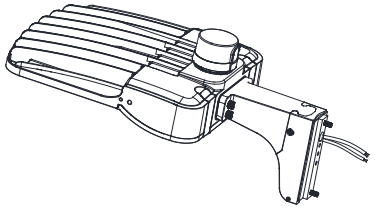
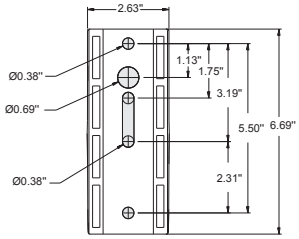
4.STRAIGHT ARM QUICK MOUNTING
Step 1: Pass the input wire through the bracket, then fix the fixing plate on the housing. (Figure 7)
Step 2:Fit the light with fixing plate and the bracket bytop-down, then tighten the top screw tocomplete the installation.(Figure 8)



(Figure 7)

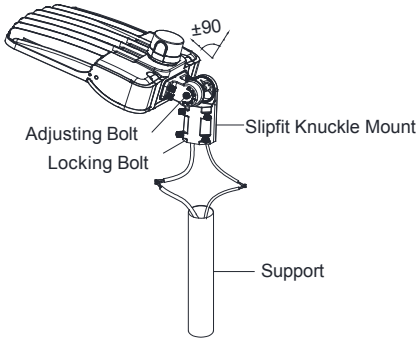


(Figure 8)

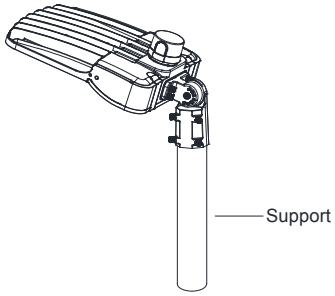


(SEK-QM Drill Patterns)

Installation of LED light:
1.SLIPFIT KNUCKLE MOUNTING
Step 1: Connect the wire correctly and put the wires into pole. Then fasten the locking bolts between slip fitter and the pole.(Figure 9)
Step 2: Loosen the fixing bolts and adjusting bolts, align the fixture to required angle. Tighten adjusting bolt and fixing bolts after the angle is confirmed.(Figure 10)
Notice: Adjustable angle is 0~+/-90°(Figure10)

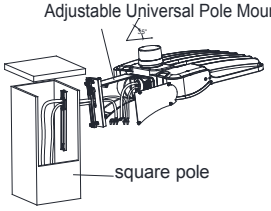


(Figure 9)

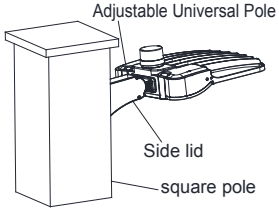


(Figure 10)

2.ADJUSTABLE UNIVERSAL POLE MOUNTING
Step 1: 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 (Figure 11)
Step 2Put the connected wires into the junction box, then cover the junction box (Figure 12)
Notice: Adjustable angle range is 0-35°(Figure 11)
Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole (Figure 13)



(Figure 11)



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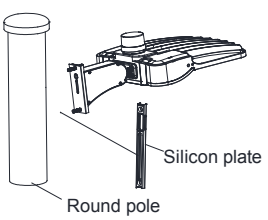

(Figure 13)

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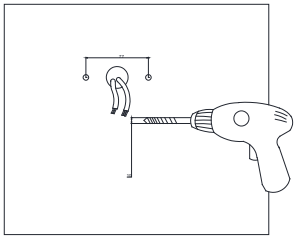
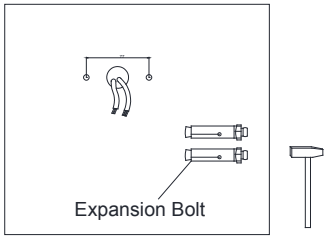
3.TRUNNION MOUNTING

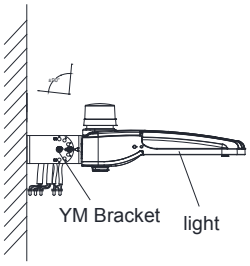
Step 1: Drill holes on the wall as shown in (Figure 14).
Step 2: Knock the expansion bolts into the wall.(Figure 15)
Step 3: Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box.(Figure 16)
Notice: Adjustable angle is 0-90°(Figure 16)



(Figure 14)



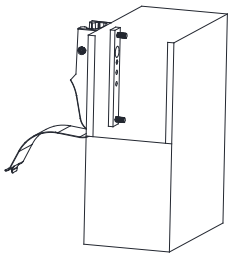
(Figure 15)



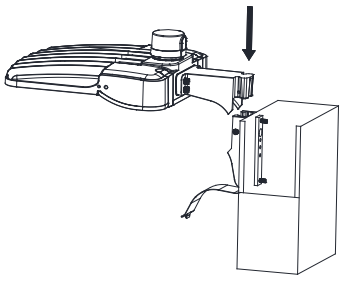
(Figure 16)

4.STRAIGHT ARM QUICK MOUNTING

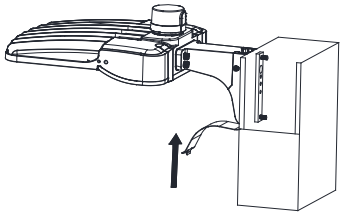
Step 1 : Fix the mounting base on the square pole with screws, meanwhile pull out the wire throughthe bracket.(Figure 17)
Step 2: Then fit the light with fixing plate and the bracket top-down, and tighten the top screw to complete the installation.(Figure 18)
Step 3: Connect the wires correctly, then fasten the cover bottom-up to complete the installation.(Figure 19)
Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole



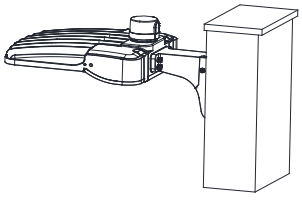
(Figure 17)



(Figure 18)



(Figure 19)



(Figure 20)

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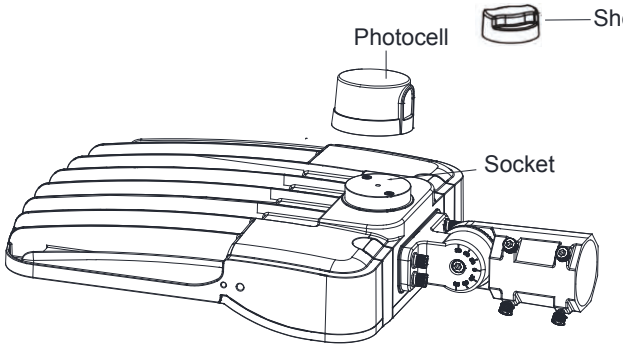
Instructions for Photocell

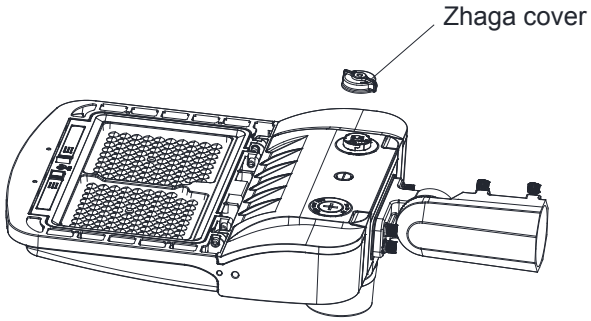
1. Ensure power is turned off before making any wiring connections.
2. Rotate the existing twist-lock shorting cap counterclockwise and remove it from the top of the fixture.
3. Align the photocell with the receptacle, insert it, and twist clockwise to lock it into place. (Figure 21)
4. For optimal performance, install the photocell with the sensor window facing North, as indicated on the top of the photocell. Adjust the receptacle orientation as needed.
5. Verify that the assembly is fully seated and watertight after installation.



(Figure 21)

Installation of Sensor (Sold Separately)

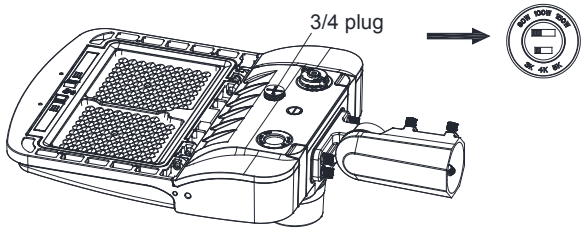
1. Ensure power is turned off before making any wiring connections.
2. Rotate the existing Zhaga cover counterclockwise and remove it from the bottom of the fixture. (See Figure 22.)
3. Align the sensor with the Zhaga base, insert it, and twist clockwise to lock it into place.
4. Verify that the sensor is fully seated and watertight after installation.



(Figure 22)

Setting of Color Temperature (CCT) and Power (Wattage)

1. Rotate the existing ¾" NPT plug counterclockwise and remove it from the bottom of the fixture.
2. Adjust the wattage and CCT to the desired settings using the selector switches inside the knockout opening.
3. Replace and tighten the ¾" NPT plug and verify that it is fully seated and watertight after installation.



MODEL	I	II	III
100W	60W	80W	100W
150W	100W	120W	150W
200W	150W	180W	200W
300W	200W	250W	300W

Factory setting “III”

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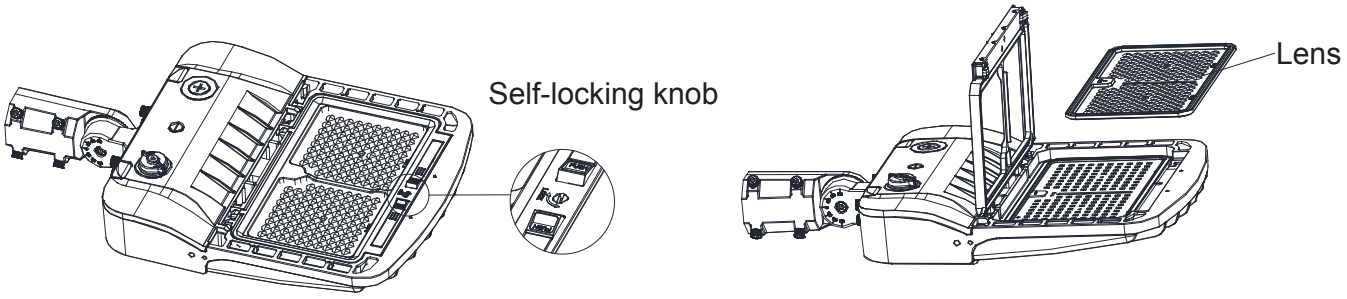
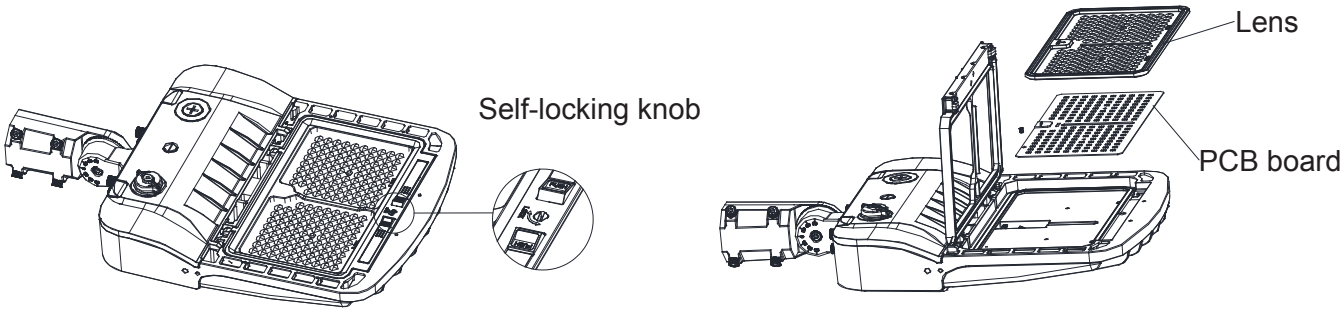
Lens replacement

1. Ensure power is turned off before replacing the lens
2. Using a flathead screwdriver, rotate the self-locking knob to the loosened position (see figure), then press the release buttons on both sides. The front cover will open.
3. Remove the existing lens and replace it with the new lens.
4. Close the front cover and press firmly until both side buttons lock into place. Then, use a flathead screwdriver to rotate the self-locking knob back to the locked position.



Replace the PCB

1. Ensure power is turned off before replacing the LED board
2. Using a flathead screwdriver, rotate the self-locking knob to the loosened position (see figure), then press the release buttons on both sides. The front cover will open.
3. Remove the lens, then remove the screw securing the LED PCB board. Carefully lift and remove the LED board from the fixture.
4. Apply an even layer of thermal conductive silicone grease to the back of the new LED board. Install the new LED board onto the fixture, ensuring the electrical terminals on the fixture align properly with the terminals on the LED board. Tighten the mounting screw securely.
5. Reinstall the lens, close the front cover, and press firmly until both side buttons lock into place. Then use a flathead screwdriver to rotate the self-locking knob back to the locked position.



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