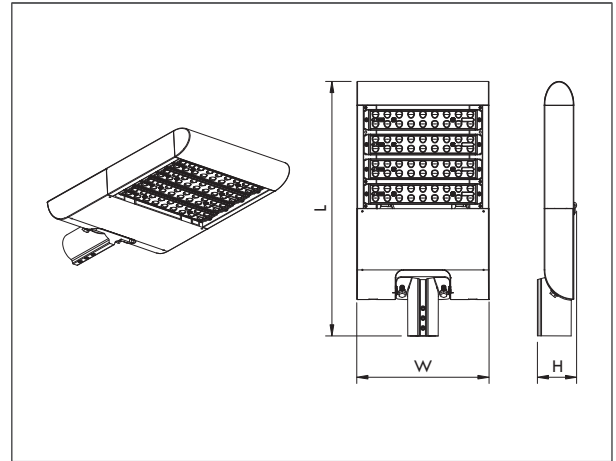


PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION

### IMPORTANT INSTALLATION INFORMATION

1. Normal operating environment and temperature:  $-40^{\circ}\text{C}$  -  $+50^{\circ}\text{C}$ . Fixtures is suitable for Airport, Car Dealerships, Achitectoral, Factory, Warehouse, High Mast lighting and stadium lighting.
2. Before commencing installation or maintenance, ensure electricity is switched off at the mains. Installation or maintenance should be carried out by a qualified electrician.
3. The luminaire must not, under any circumstances, be installed directly to flammable materials, and luminaires must not be covered with any flammable materials.
4. Mounting height range of 6 to 12 meters, this model is suitable for outdoor lighting.
5. Ensure there is adequate free air circulation of at least 50cm around the luminaire. All luminaires run hot. It is the installer's responsibility to consider fire risk and take appropriate precautions.



Drawings herein for SL160 are used as examples.

## Installation Instruction & Installation Steps

**1**

**STEP 1:**  
Use a 6mm hex wrench to loosen the screws that secure the lamp post above the lamp arm, then slide fixture on to pole through opening on the rear of housing. See Figure 1.

**2**

**STEP 2:**  
Ensure to slide fixture to the inner end of tenon, then tighten locking bolts with 5mm hex wrench or its equivalent to ensure the fixture is fixed to pole firmly. See Figure 2.

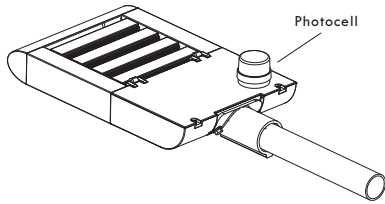
**3**

**STEP 3:**  
1. Loosen hinged hatch locking bolts with 5mm hex wrench or its equivalent, and open the hatch for led driver compartment access.  
2. Get mains power supply cord into led driver compartment via cable gland, Install power connections as per Figure 6, and lock the gland to mains power supply cord tightly.

**4**

**STEP 4:**  
1. Referring to Fig. 4, use a wrench loosen Screw by 3-5 threads to adjust the fixtures angle. Once angle is decided, secure the hex screw with 25 n.m of force.  
2. Using the in-built bubble level, align fixture to the horizontal plane. Adjust screws accordingly. Once leveled use 45 n.m to secure the fixture to the light pole. Ensure that the fixture is now attached to the light pole securely. Close the cover and secure the cover screws with 25 n.m of force.

5



**PHOTOELECTRIC CONTROLLER INSTALLATION (OPTIONAL)**

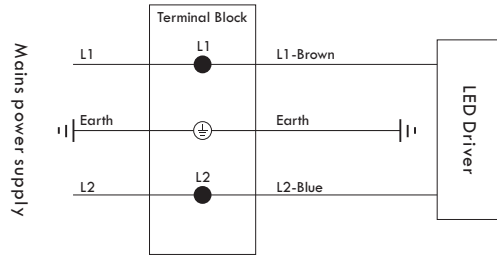
- STEP A: Make sure a NEMA receptacle on top of fixture is available.
- STEP B: Find out the size difference of three pins on P.E.C.U., the size difference of three slots on NEMA receptacle.
- STEP C: Insert P.E.C.U. in receptacle, and twist it clockwise firmly. See Figure 7.

**PRECAUTIONS:**

If the above receptacle is unscrewed, please be sure to note that the receptacle screw torque of 1.0 to 2.0 N-m is recommended. Do NOT exceed 3.0 N-m. Install photocontrol or shorting plug, Downlight only.

6

**Electrical Connections**

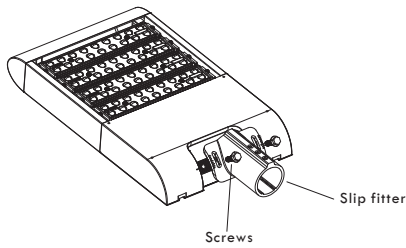


**WIRING INSTRUCTION**

- STEP I: Connect the L1 wire in the mains power supply cord to the "L1" marked hole in the terminal block and tighten the connection properly.
- STEP II: Connect the L2 wire in the mains power supply cord to the "L2" marked hole in the terminal block and tighten the connection properly.
- STEP III: Connect the Earth wire in the mains power supply cord to the "⊕" marked hole in the terminal block and tighten the connection properly.

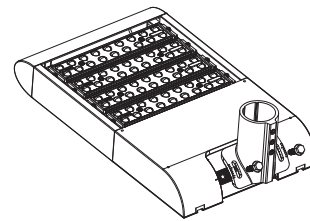
**Adjustable Slip Fitter from Pole-Arm mounting to Pole-Top Mounting Steps**

7



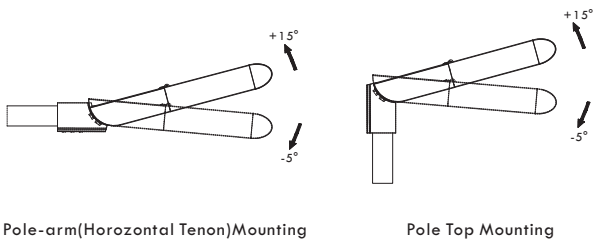
- STEP 1:** Remove the two fixing bolts from the fixture as shown in Figure 7, then take out the slip fitter.

8



- STEP 2:** Rotate the slip fitter as shown in Figure 8 and slide the slip-fitter back into position, use 25 n.m torque to tighten the screws.

9



Pole-arm(Horizontal Tenon)Mounting

Pole Top Mounting



This logo indicates that this product must not be disposed of with other waste. Please recycle used lamps to prevent environmental hazard and threats to human health resulting from improper disposal.