

# Installation Instruction - SLAL1 LED Area Light

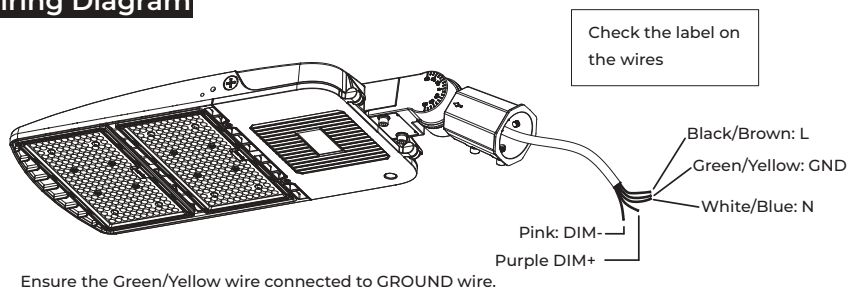
## Warning, cautions and operating instructions

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts, abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For The installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- In order to use this product more efficiently and safely, please clean and check it regularly (once every six months).

## Warning: Risk of fire or electrical shock

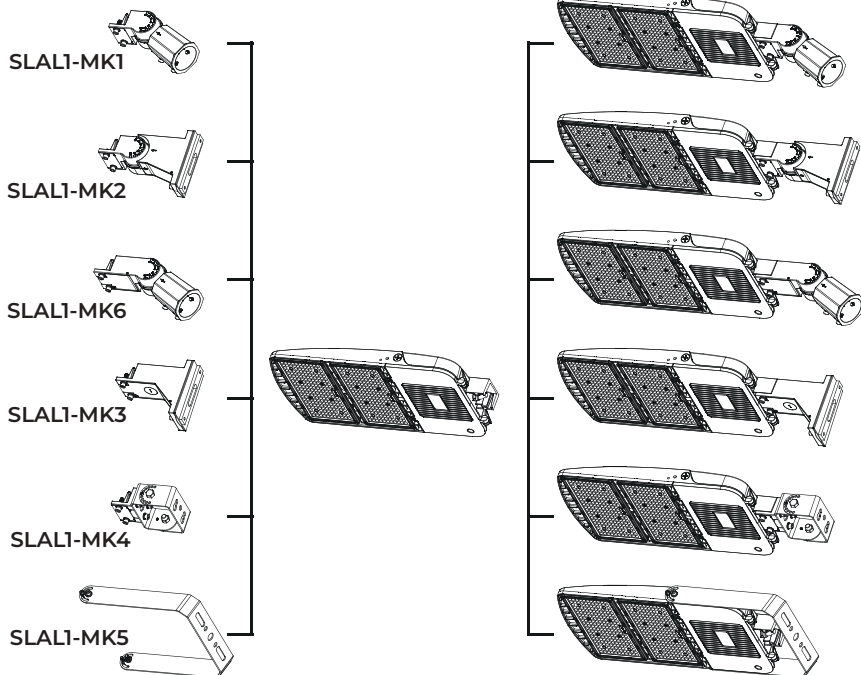
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.
- SUITABLE FOR WET LOCATIONS / CONVIENT AUX EMPLACEMENTS MOUILLÉS
- 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.
- CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.

## Wiring Diagram



# Installation Instruction - SLAL1 LED Area Light

## 6 Mounting Brackets



The Installation must be carried out by a qualified electrician.

# SLAL1 LED Area Light with SLAL-MK1 Mount

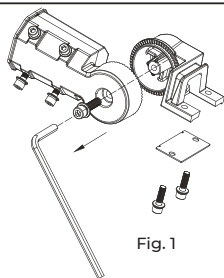


Fig. 1

1. Disassemble the slip-fitter with a wrench; Loosen the 4 locking bolts in the bracket by a wrench.

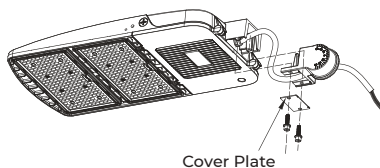


Fig. 2

2. Pass the fixture's AC input wires through the fixture base and then tighten the screws to assemble base to fixture body; The screws are threaded through the cover plate and bracket secured to the fixture.

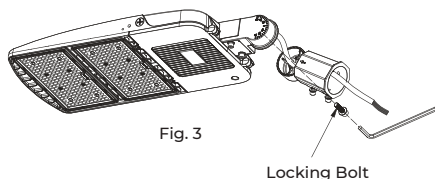


Fig. 3

Locking Bolt

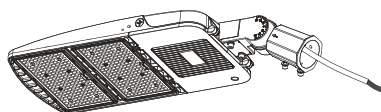


Fig. 4

3. Pass the fixture's input wires through the slip fitter and lock it.

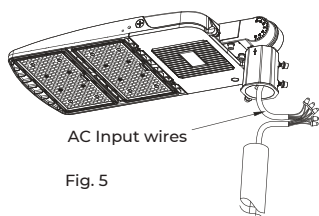


Fig. 5

5. Connect the fixture's AC input wires to the pole wires using the following connections:  
L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)

If dimming wires need to be connected, use the connectors to make the following connections:  
"Dim +" (Purple) to "Dim +" (Purple)  
"Dim -" (Pink) to "Dim -" (Pink).

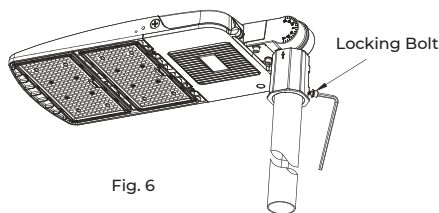


Fig. 6

6. Tighten the 4 locking bolts.

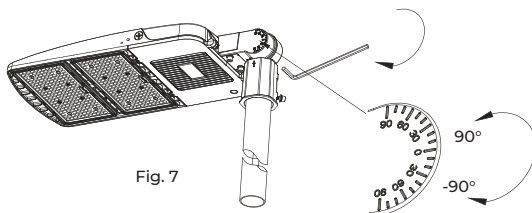
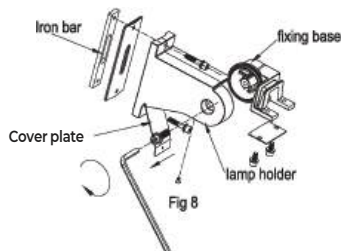


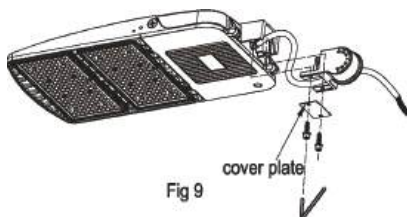
Fig. 7

7. Loosen the locking bolt in the slip-fitter to adjust appropriate angle. Then tighten the locking bolt.

# SLAL1 LED Area Light with SLAL-MK2 Mount



1. Use a wrench to unscrew the screws of mount and fixing base to separate mount and fixing base; Unscrew the two screws of mount with a wrench, remove the screws and the iron bar, unscrew the cover screw with a screwdriver, and open the cover plate.



2. Pass the fixture's AC input wires through the fixing base and then tighten screws to assemble fixing base to fixture body. The screws are threaded through the cover plate and bracket secured to the fixture.



Fig. 10

3. After the fixture input wires passes through the mount, assemble the mount and fixing base. Tighten the mount and fixing base with a wrench and screw.

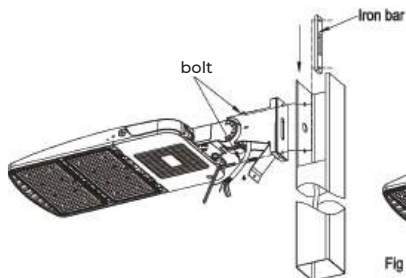


Fig 11

4. After the bolts pass through the lamp and post, screw the bolts on the sticking strips with a wrench. The lamp is fixed on the fixture post.

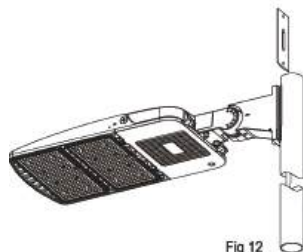


Fig 12

5. When installing to round pole, please remove the rubber gasket.



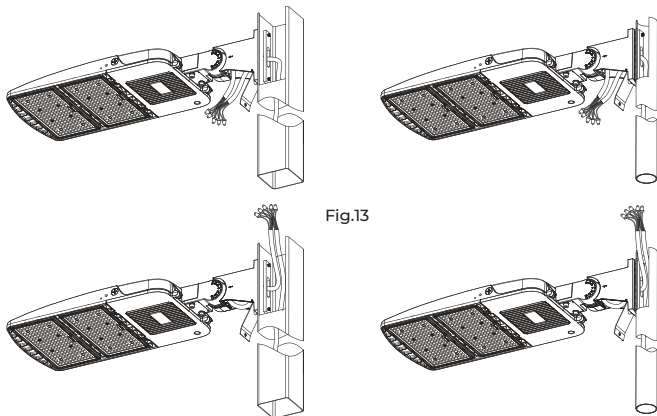


Fig.13

6. Pass the fixture's AC input wires through the pole and pull them out along with the pole wires. Insert the pole wires into the bracket and pull them out along with the fixture's AC wires from the junction box. Connect the fixture's AC input wires to the pole wires using the following connections:  
L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)

If dimming wires need to be connected, use the connectors to make the following connections:  
"Dim +" (Purple) to "Dim +" (Purple)  
"Dim -" (Pink) to "Dim -" (Pink).

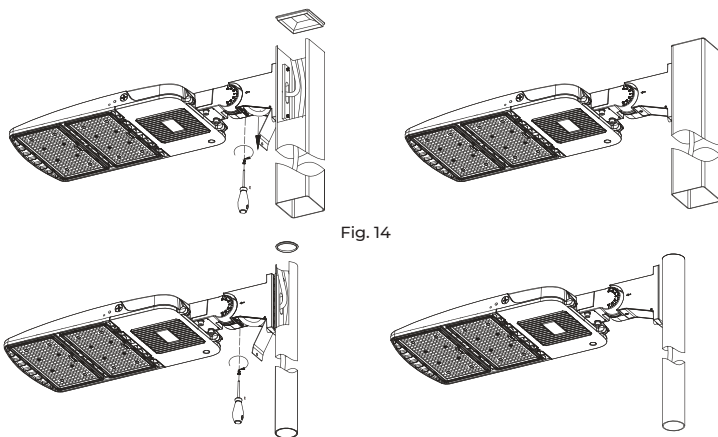


Fig. 14

7. Close the cover plate on the mount; tighten the screw of the cover plate and cover the top cover of the post

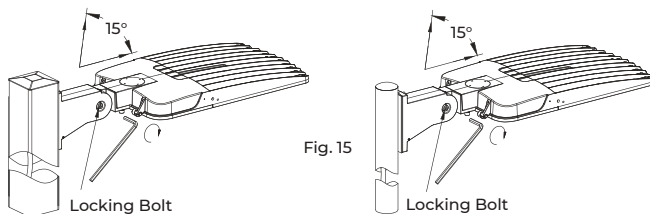
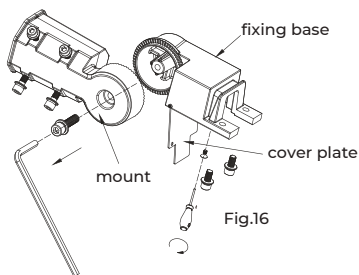


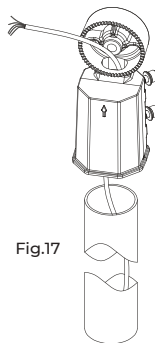
Fig. 15

8. Loose the locking bolt by a wrench to adjust the angle. The angle range is 15°. Then tighten the locking bolt.

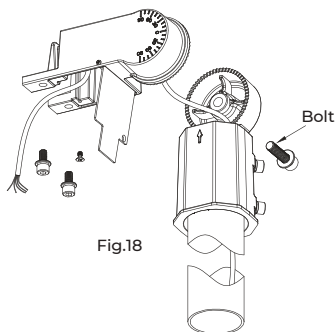
# SLAL1 LED Area Light with SLAL-MK6 Mount



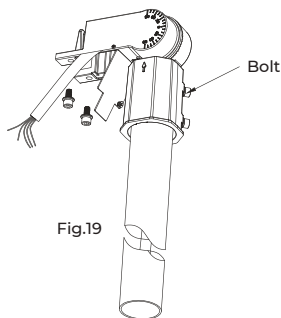
1. Use a wrench to unscrew the screws securing the mount to the fixing base, then separate them; Loose the four screws on the mount using a wrench, ensuring the screws are secured and do not fall off; Use a screwdriver to remove the cover screw and open the cover, as illustrated in Figure 16.



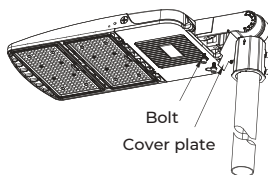
2. Pass the cable in the post through the mount.



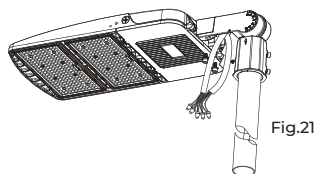
3. Tighten the bolts using a wrench after the cable is through the fixing base.



4. Tighten the 4 screws on the mount using a wrench.



5. Install the fixture onto the fixing base and tighten the two bolts with a wrench.



6. Insert the pole wires into the bracket and pull them out along with the fixture's AC wires from the junction box. Connect the fixture's AC input wires to the pole wires using the following connections:  
L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)  
If dimming wires need to be connected, use the connectors to make the following connections:  
"Dim +" (Purple) to "Dim +" (Purple)  
"Dim -" (Pink) to "Dim -" (Pink).



Fig 22

7. Close the cover and tighten the screws with a screwdriver, as shown in Figure 22

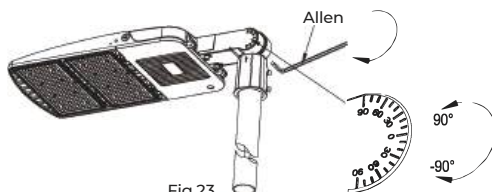


Fig 23

8. Loosen the locking bolt in the slip-fitter by a wrench to adjust fixture to a appropriate angle (adjustable angle range 180°), then tighten the locking bolt.

## SLAL1 LED Area Light with SLAL-MK3 Mount

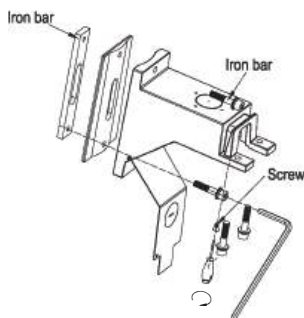


Fig 24

1. Use a wrench to unscrew the bolts and remove the strips. Use screwdriver to loose the screws to open the cover plate, as shown in Figure 24.

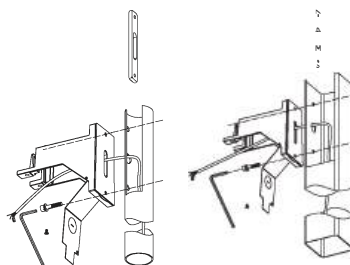


Fig 25

2. After the bolt passes through the bracket and the post, screw the screws on the sticking strips with a wrench. The bracket is installed onto the post, as shown in Fig. 25.

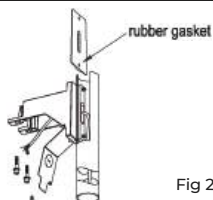


Fig 26

3. When installing to round pole, please remove the rubber gasket.

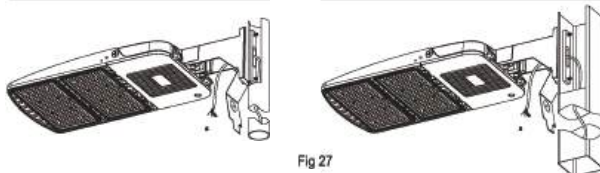


Fig 27

4. Install the fixture onto the bracket, and then tighten the bolts with a wrench, as shown in Fig. 27.

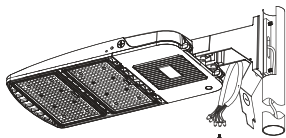
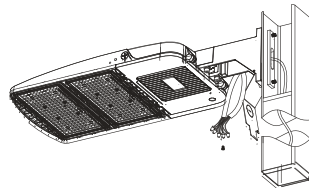


Fig. 28



5. Connect the fixture's AC input wires to the pole wires using the following connections:

L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)

If dimming wires need to be connected, use the connectors to make the following connections:

"Dim +" (Purple) to "Dim +" (Purple)

"Dim -" (Pink) to "Dim -" (Pink).

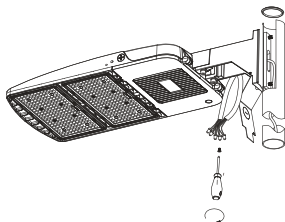
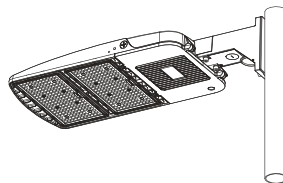


Fig. 29



6. Close the cover and tighten the screws with a screwdriver, as shown in Figure 29

## SLAL1 LED Area Light with SLAL-MK4 Mount

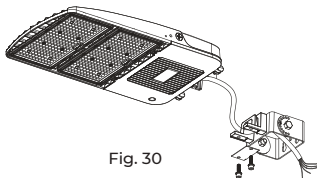


Fig. 30

1. Pass the fixture input wire through the bracket as shown in Fig.30.

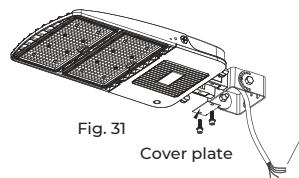


Fig. 31

Cover plate

2. Install the bracket onto the fixture as shown in Fig. 31.

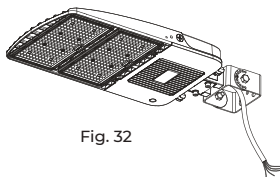


Fig. 32

3. Tighten the cover plate to the bracket as shown in Fig.32.

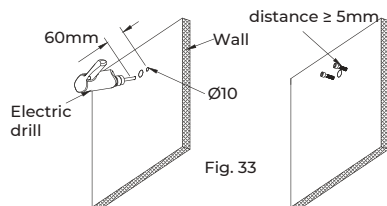


Fig. 33

4. Place the bracket at the position of the mounting hole at the mark on the wall with the hole spacing of 60mm. Use an electric drill to drill a hole  $\Phi 10$ mm at the mark, inside the screw hole, and ensure the head is more than 5mm from the wall, as shown in Fig. 33.

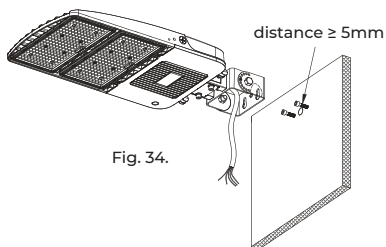


Fig. 34.

5. Install the bracket onto the screw head and tighten the screw with a wrench as shown in Fig. 34.

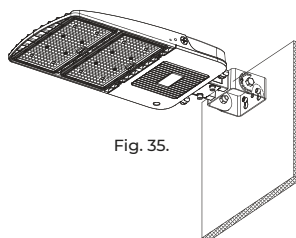


Fig. 35.

6. Connect the fixture's AC input wires to the pole wires using the following connections:  
L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)

If dimming wires need to be connected, use the connectors to make the following connections: "Dim +" (Purple) to "Dim +" (Purple)  
"Dim -" (Pink) to "Dim -" (Pink).

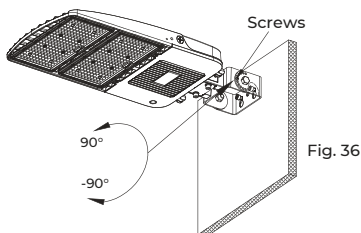


Fig. 36

7. Use a wrench to loose the screw to adjust the angle (range 180°) as shown in Fig. 36.

## SLAL1 LED Area Light with SLAL-MK5 Mount

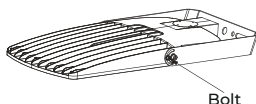


Fig. 37

1. Use a wrench to loose the adjustment screw on both sides of the fixture as shown in Fig. 37.

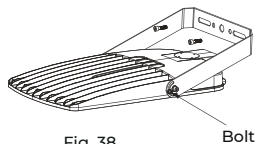


Fig. 38

2. After angle adjusted, use the screw to tighten the bracket as shown in Fig. 38.

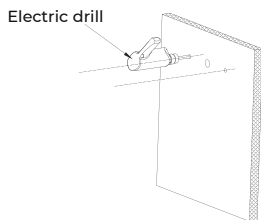


Fig. 39

3. Drill the wall with an electric drill with a diameter of 10mm and a hole spacing of 120-205mm, as shown in Fig. 39.

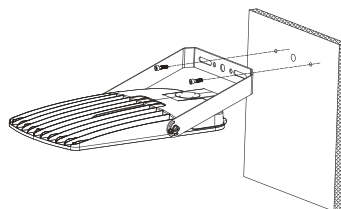


Fig. 40

4. Use screws to install the fixture onto the wall, as shown in Fig. 40.

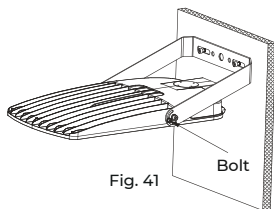


Fig. 41

4. Connect the fixture's AC input wires to the pole wires using the following connections:  
L (Line) to L (Black) | N (Neutral) to N (White) | G to G (Green)

If dimming wires need to be connected, use the connectors to make the following connections: "Dim +" (Purple) to "Dim +" (Purple)  
"Dim -" (Pink) to "Dim -" (Pink).

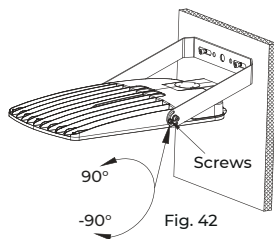


Fig. 42

5. Use a wrench to loose the screw to adjust the angle (range 180°) as shown in Fig. 42.

## SLAL1 LED Area Light with Photocell

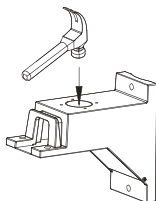


Fig. 43

1. Use hammer to hit the reserved photocell hole on the bracket or fixture as shown in Fig.43.

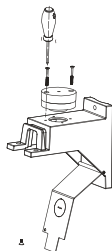
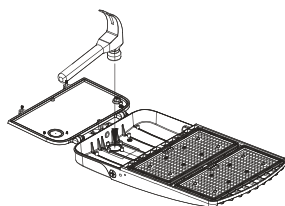


Fig. 44

2. Insert the photocell base into the reserved hold and tighten the screws as shown in Fig. 44. If the base is already installed, skip step 1 & 2.

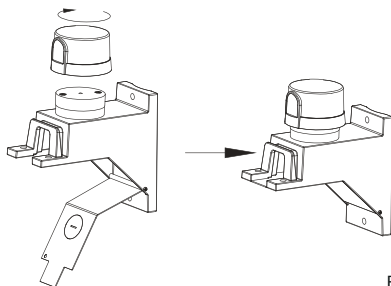
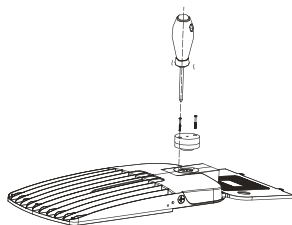
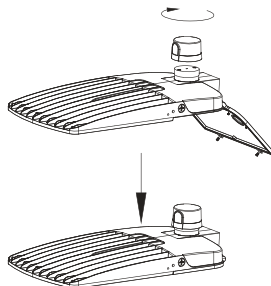


Fig. 45

3. Install the photocell or shorting cap onto the base as shown in Fig. 45.



## SLAL1 LED Area Light with Sensor

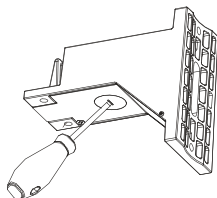


Fig. 46

1. Use a screwdriver to pry open the induction reserved hole on the bracket or use a hammer to hit the reserved hole on the fixture as shown in Fig. 46.

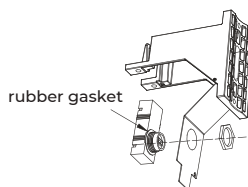


Fig. 47

2. Push the sensor through the hole and tighten it with the nut as shown in Fig. 47.

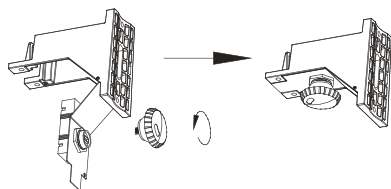
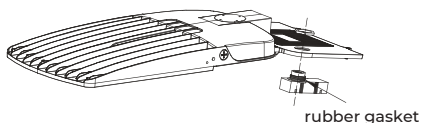
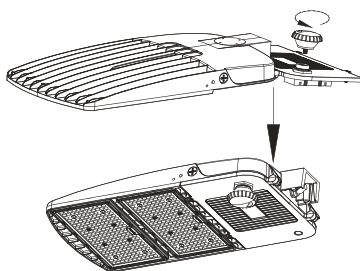


Fig. 48

3. Install the lens onto the sensor as shown in Fig. 48.



# Wiring Diagram without Photocell & Sensor

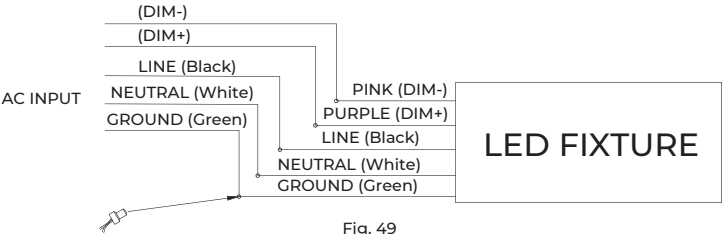


Fig. 49

# Wiring Diagram with Photocell

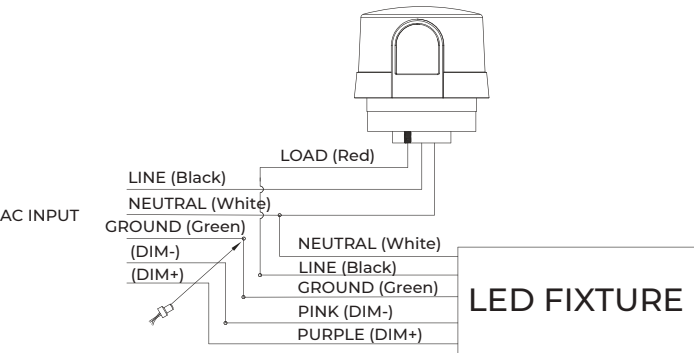


Fig. 50

# Wiring Diagram with Sensor

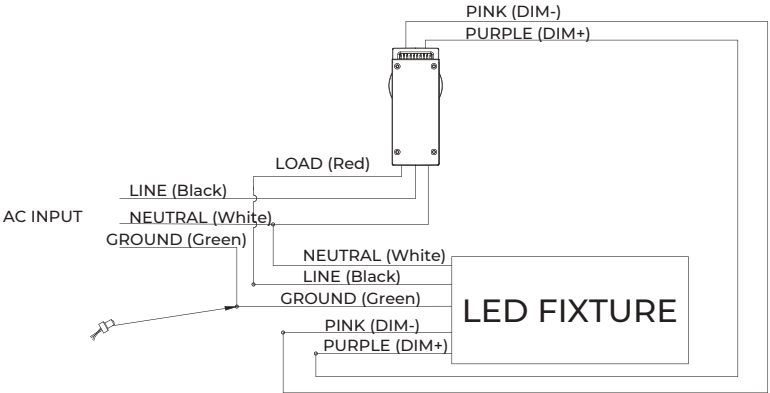


Fig. 51