Installation Instruction

⚠ WARNING

- 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.

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

- 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.

⚠ WARNING

- 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.
- All wiring connections should be capped with UL approved wire connectors.

⚠ CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
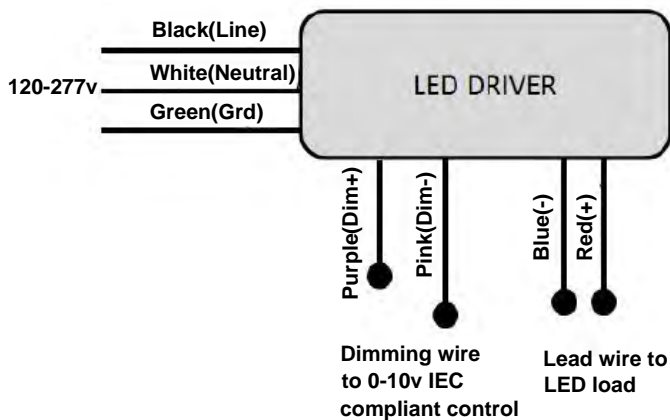- Risk of burn. Disconnect power and allow fixture to cool before handing fixture.

NOTICE: Green ground screw provided in proper location.Do not relocate.
NOTICE: Minimum 90° supply conductors.
NOTICE: Specifications and dimensions subject to change without notice.
NOTICE: Suitable for wet location.

General Wiring Diagram

Black(Line)
White(Neutral)
120-277v
Green(Grd)

LED DRIVER

Purple(Dim+) Pink(Dim-) Blue(-) Red(+)

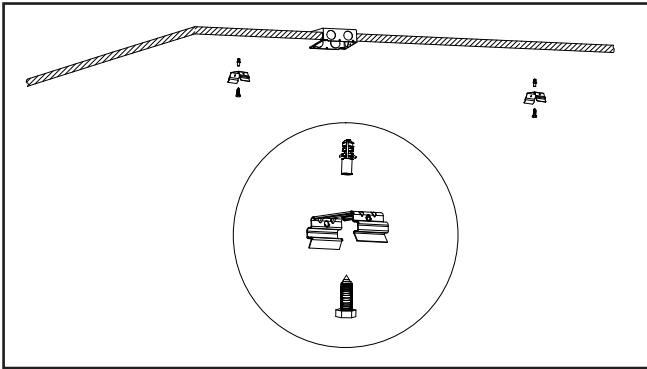**Dimming wire to 0-10v IEC compliant control**

Lead wire to LED load
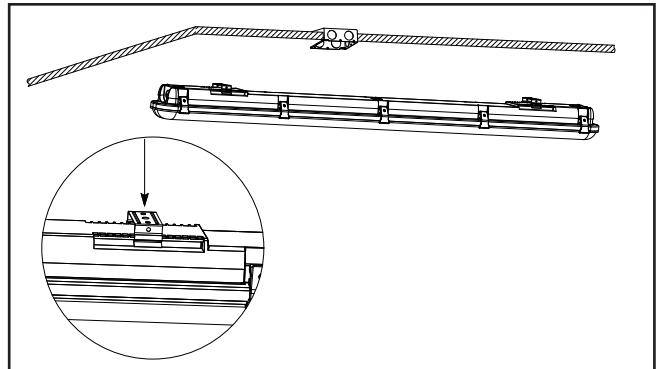
Installation Instruction

## Always turn off the power supply from main circuit breaker first!

A:Surface Mounting

1.Locate drill holes for mounting brackets. Use hardware found in hardware kit. Mount bracket to surface.

2.Secure mounting clips to housing recesses by firmly pressing them into place until both sides of the clip are secured.

3.Release latches by pulling top of latch away from housing. Set the lens aside.
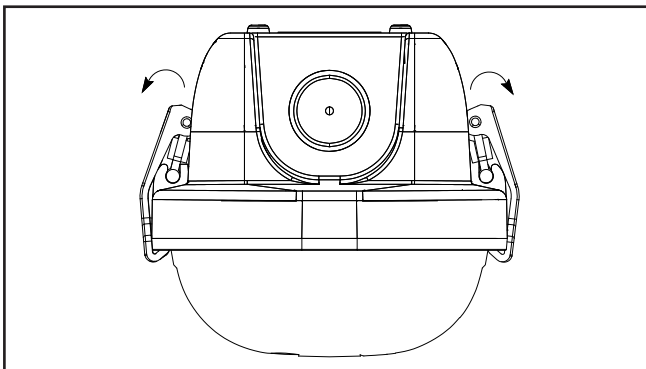
4.Without touching LED boards,detach LED tray from fixture. The tray will be suspended by safety cables.
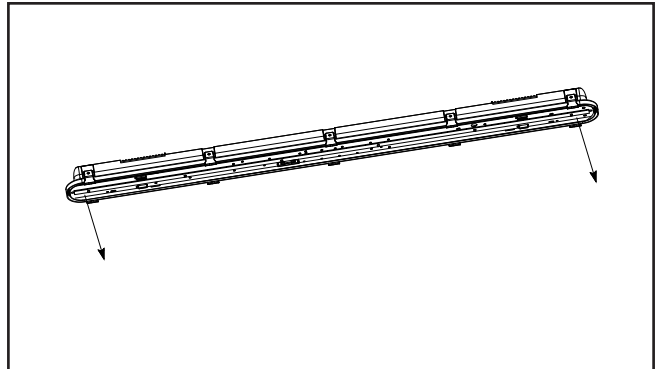
5.Assemble the PG13.5 waterproof cable connector and position it in the appropriate end of the fixture housing.

Bring an (owner-supplied) 6-10 millimeter diameter electrical cable through the PG13.5 waterproof cable connection.
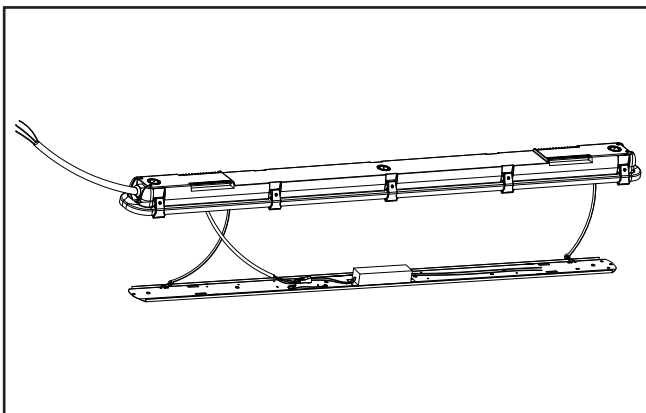
Include 0-10V dimming conductors in the cable if 0-10V dimming is desired. Make appropriate electrical connections with the driver.
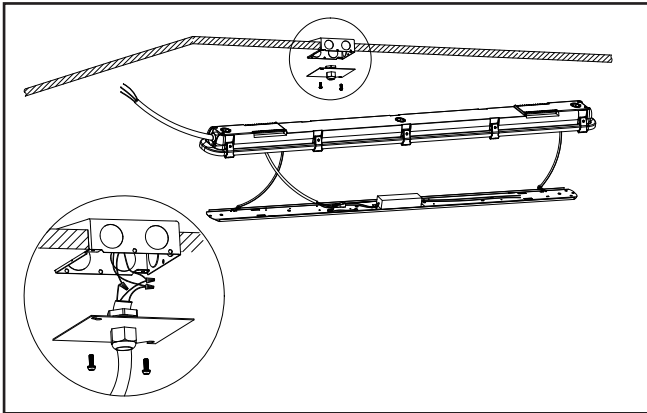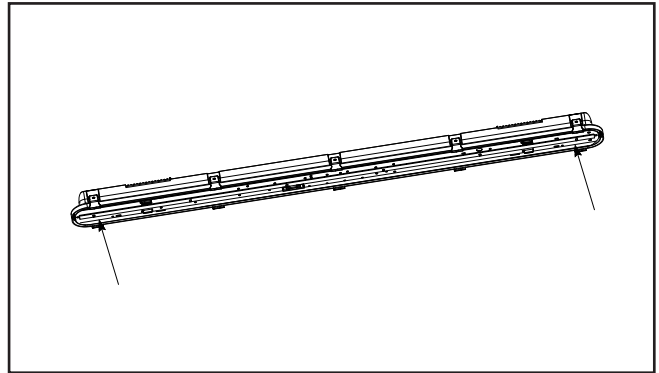
PLT SOLUTIONS

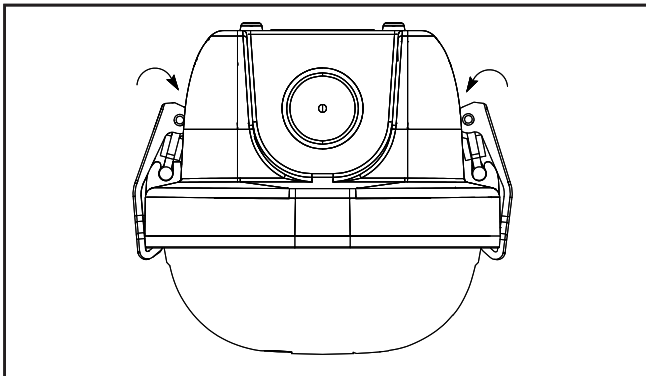Any further questions or interests, please visit

Installation Instruction

6.Follow general wiring Diagram on Figure for reference. Make sure the power supply is disconnected before installing.

7.Reattach LED tray to fixture by reversing step 4.

8.Secure lens to housing with lens latches.

Note:
· Connect the (owner-supplied) 6-10 millimeter diameter flexible electrical cable (SJTW 18AWG) to the outlet box , and cover the outlet box with the UL listed canopy. Be sure to provide a strain relief means at the canopy side.

· Ensure that the gap is sealed by glue.
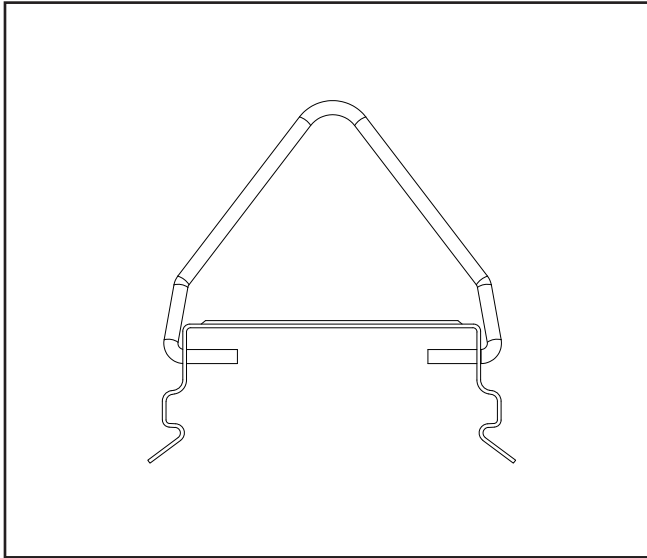· Be sure to provide with a wet location rated strain relief means.
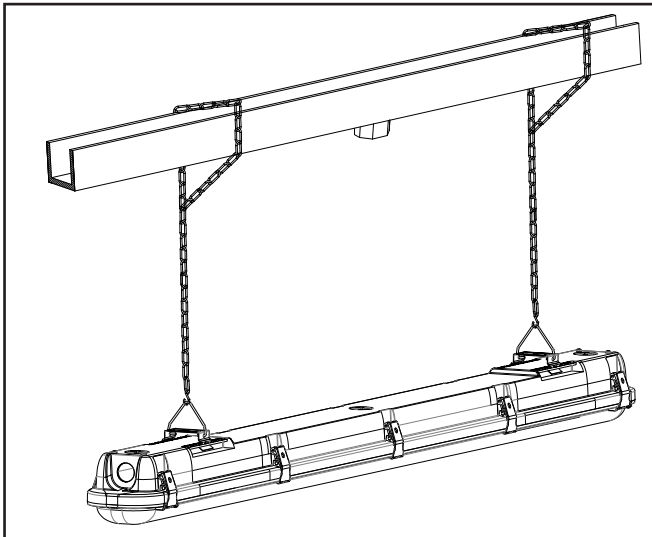
Installation Instruction

B:Chain Suspended Mounting

1.Attach V-bracket to each mounting clip by spreading the ends of the V-bracket apart and then inserting the legs into the holes in the side of the mounting clips.
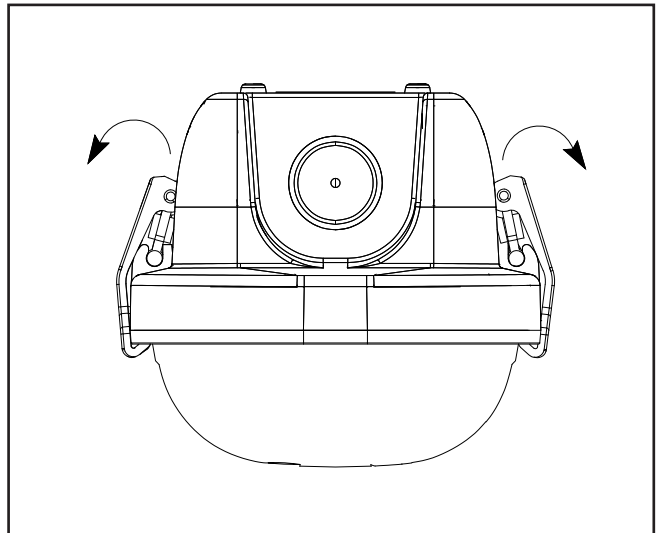
2.Secure mounting clips to housing recesses by firmly pressing them into place until both sides of the clip are secured.
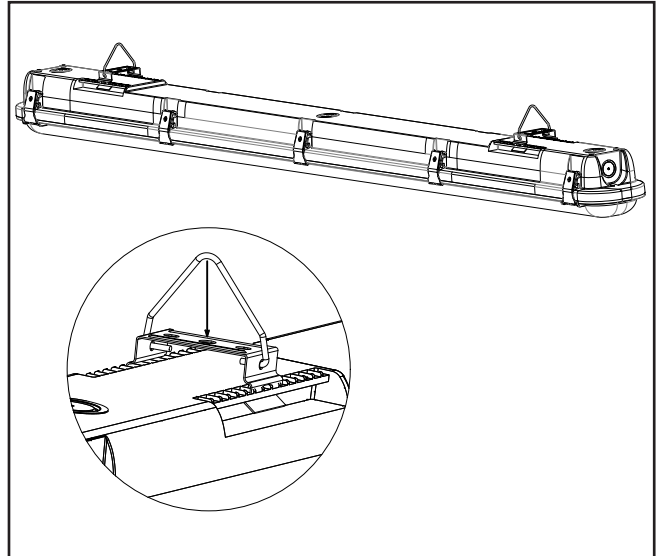
3.Hang fixture from customer supplied chain using V-brackets.

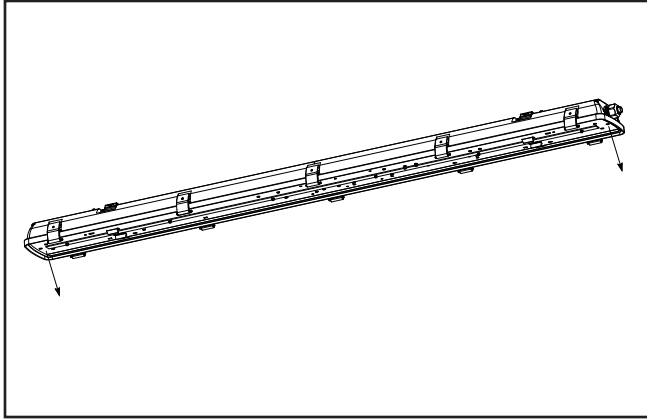4.Release latches by pulling top of latch away from housing. Set the lens aside.
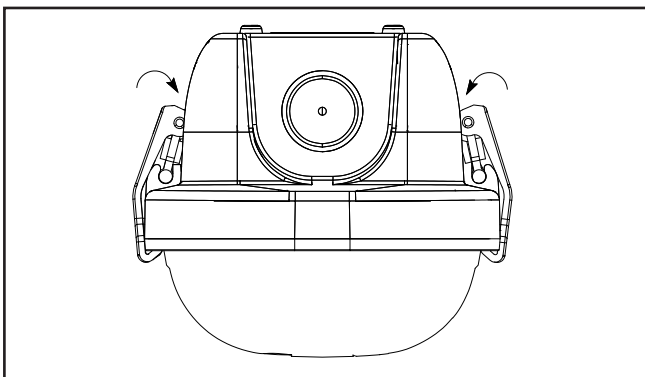
5.Without touching LED boards,detach LED tray from fixture. The tray will be suspended by safety cables.

7.Follow general wiring Diagram on Figure for reference. Make sure the power supply is disconnected before installing.
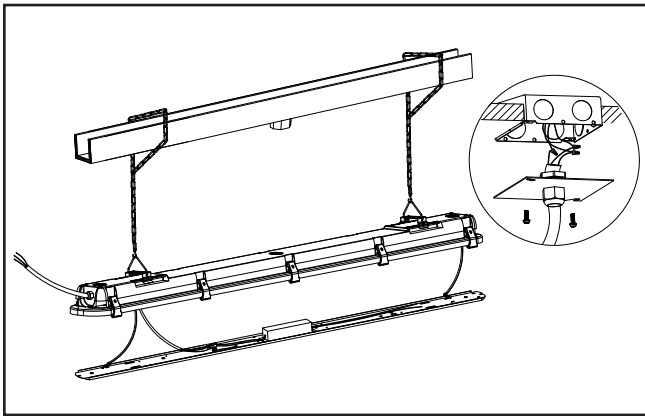
9.Secure lens to housing with lens latches.

6.Assemble the PG13.5 waterproof cable connector and position it in the appropriate end of the fixture housing. Bring an (owner-supplied) 6-10 millimeter diameter electrical cable through the PG13.5 waterproof cable connection. Include 0-10V dimming conductors in the cable if 0-10V dimming is desired. Make appropriate electrical connections with the driver.
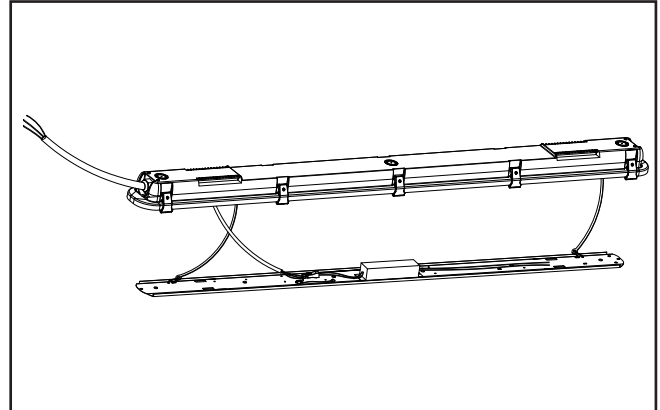
8.Reattach LED tray to fixture by reversing step 5.
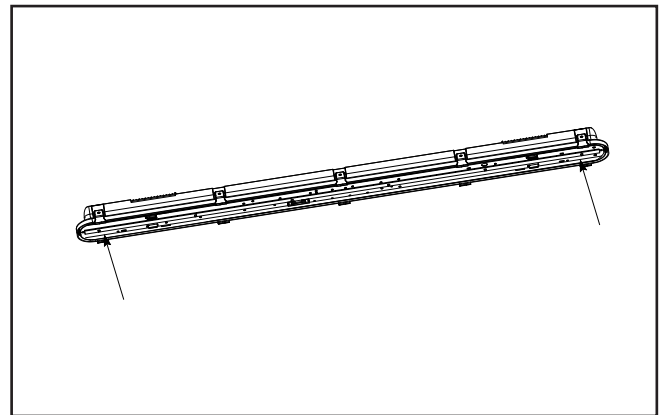
Note:

· Connect the (owner-supplied) 6-10 millimeter diameter flexible electrical cable (SJTW 18AWG) to
the outlet box , and cover the outlet box with the UL listed canopy. Be sure to provide a strain relief means at the canopy side.

· Ensure that the gap is sealed by glue.

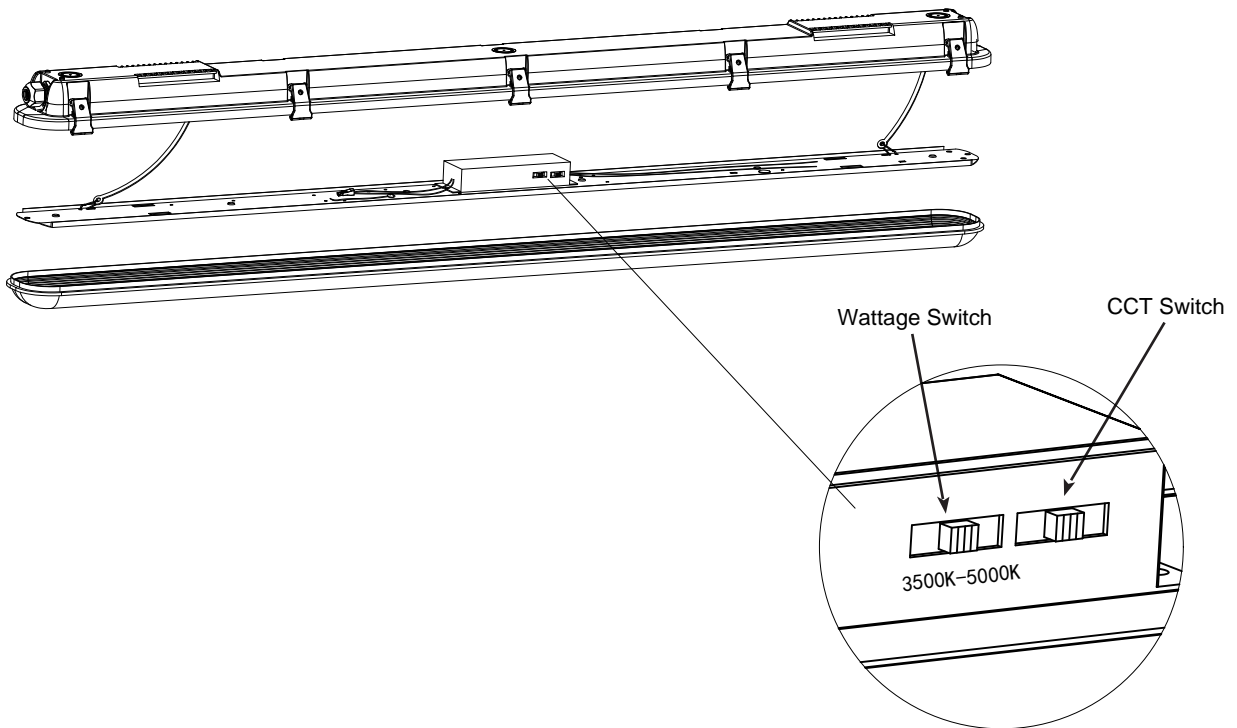· Be sure to provide with a wet location rated strain relief means.

Installation Instruction

Field-Adjustable Wattage & CCT

Wattage Switch   CCT Switch

3500K–5000K

The end users may adjust the color temperature and lumen output respectively by the two DIP switches buttons integrated into the driver. Each DIP switch is accommodated with 3 options (left, middle and right),corresponding to 3 color temperatures and 3 wattages respectively, which can perform the desired color temperature and lumen output combination.

1.DIP switches are located on the driver.

2.Select a wattage and color temperature by sliding switch left or right respectively to the desired value.

Factory Settings: CCT 5000K

     34W for the 4ft PLTS-40045
     45W for the 4ft PLTS-40046