



VVT LED VAPOR TIGHT

INSTALLATION INSTRUCTIONS

⚠ CAUTION

PLEASE READ INSTRUCTIONS BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE.
Electrical products can cause death or injury, or damage to property. If any doubt about the installation or use of this product, consult a competent electrician.

⚠ 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 on this fixture, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- 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.

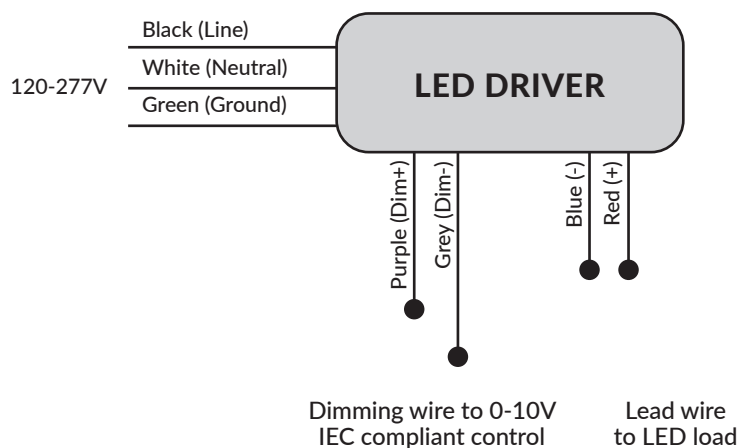
⚠ WARNING

- 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 handling 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 or Damp location, Type IC

General Wiring Diagram:





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1. Open the lens latches and remove the lens. (Figure 1)
2. Pinch the gear tray retaining clips and release the gear tray, allow it to hang from fixture. Ensure the safety cables are securely fastened between the gear tray and fixture housing. (Figure 2)
3. **For Surface mount:** Locate position of light fixture installation. Drill holes in mounting surface for mounting brackets. The spacing between the 2 brackets should be min. 11" to max. 16" for VVT2 and min. 31" to max. 36" for VVT4. Use provided hardware to secure the mounting brackets to the mounting surface. Attach the fixture housing to the mounting brackets by pushing the fixture housing up to the mounting brackets until the mounting brackets snap into place. The mounting brackets should hold the fixture firmly in place. If not, assess the mounting situation and troubleshoot. (Figure 3)
4. **For Chain or Cable Mount:** Attach the mounting brackets to the fixture housing until the mounting brackets snap into place. The mounting brackets should hold the fixture firmly in place. If not, assess the mounting brackets and troubleshoot. Attach triangle hangers (provided with fixture) through the side holes of the mounting brackets and attach chain or cable (ordered separately). (Figure 4)
5. For electrical power entry, unscrew the cord grip and remove from housing. Insert power cord (SJOW 18AWG) through cord grip and into the fixture so that connections can be made at the LED driver compartment. Tighten cord grip to housing to secure from water and dust intrusion. (Figure 5)
6. Open wiring compartment cover by unscrewing the side screw. Make appropriate electrical connection according to general wiring diagram. Put back wiring compartment cover and secure it by tightening the side screw. Ensure all the connectors are properly tucked inside the wiring compartment. (Figure 6)
7. Reattach the gear tray to the fixture housing with the fixture retaining clips. Reinstall the lens by closing the lens latches. Ensure the latches are secured around the entire fixture to prevent intrusion of water and dust. (Figure 7)
8. Route wiring flexible cord to power feed location. Wire the cord leads to the supply wires according to general wiring connection. Make sure that a water tight connection is made at the power feed source (provided by others).
9. Restore power at the source and installation is complete. (Figure 8)

Note: For feedthrough wiring, remove the opposite conduit entry knockout. Attach supplied cord grip at conduit knockout location. Make sure gasket on cord grip is on outside of the fixture housing. Wire additional flexible cord according to the general wiring diagram. Pass flexible wiring cord to the next fixture and repeat installation steps.

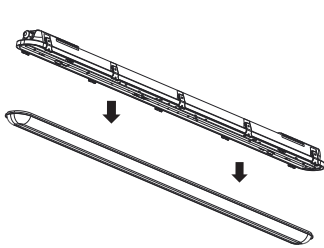


Figure 1

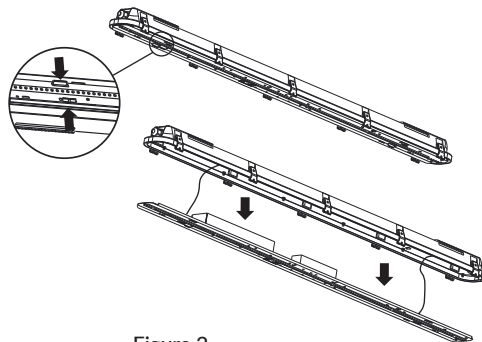


Figure 2

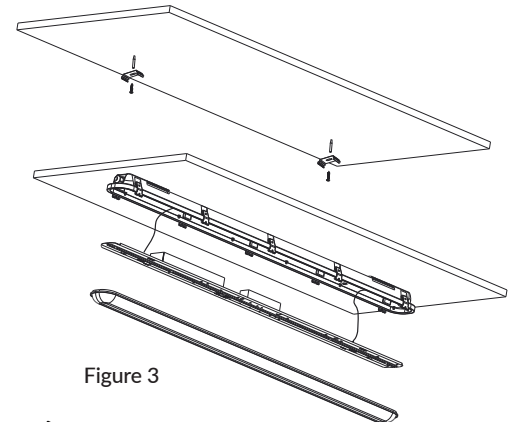


Figure 3

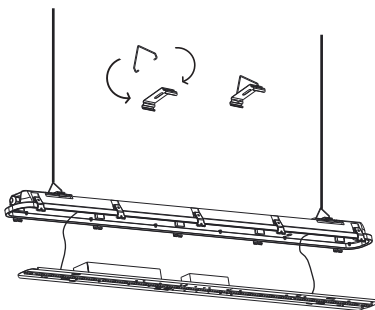


Figure 4

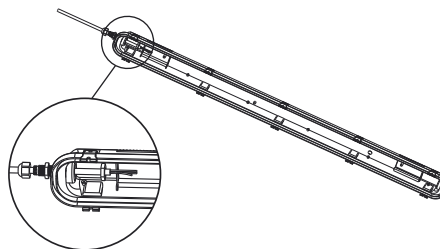


Figure 5

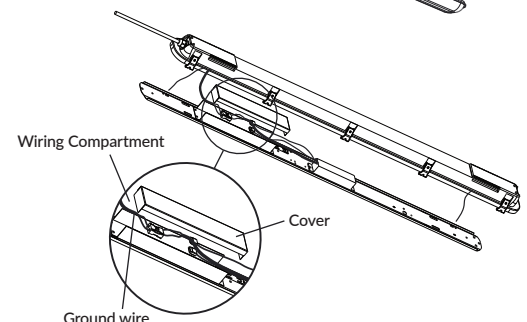


Figure 6

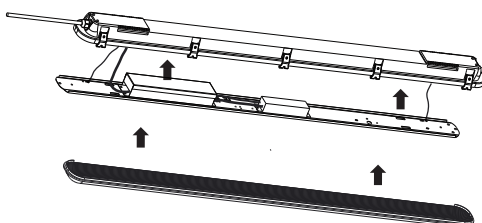


Figure 7

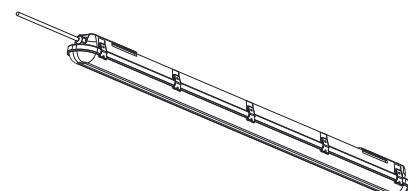


Figure 8

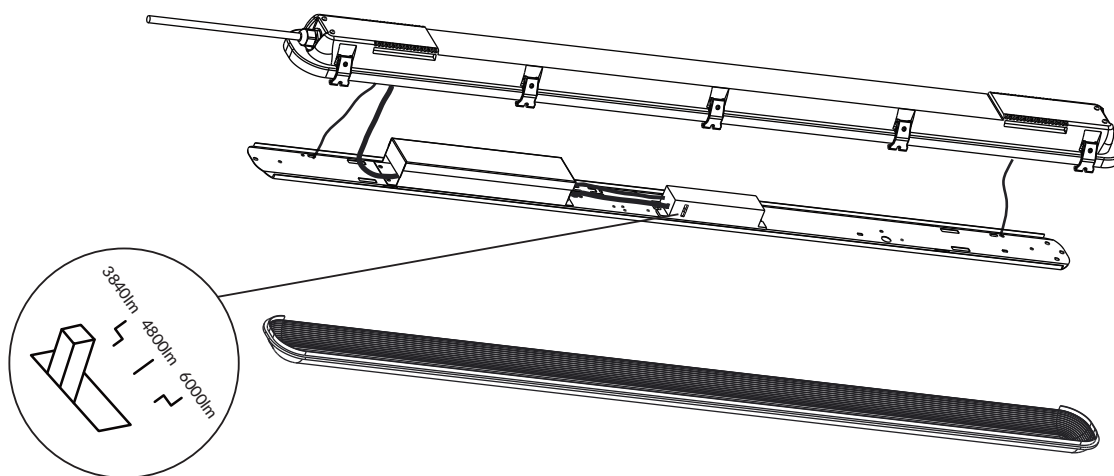


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Field-Adjustable Wattage

The end user may adjust the lumen output (on VVT4 product only) by using the Lumen Output Switch. The Lumen Output Switch is accommodated with 3 lumen levels, which can perform the desired lumen output. The Lumen Output Switch is located on the side of the driver. To access it, open the lens latches and remove the lens. Pinch the gear tray retaining clips and release the gear tray, allowing it to hang from fixture. Ensure the safety cables are securely fastened between the gear tray and the fixture housing. Select a lumen level by sliding the switch up or down to the desired value.



LED Systems Information

Part No.	Input Wattage	Working Current	Voltage	PF	Dimming
VVT2-3L-U-40-FRL	24W	540mA	120-277V, 50/60Hz	>0.9	0-10V
VVT2-3L-U-40-FRL	24W				
VVT4-4L/5L/6L-U-40-FRL	32W-40W-50W	700mA / 900mA / 1150mA			
VVT4-4L/5L/6L-U-50-FRL	32W-40W-50W				