# SPEC-SELECT™ LED VAPOR TIGHT
**INSTALLATION INSTRUCTIONS**

**MEBULBS** | **50** SINCE 1974 | YEARS

**PLEASE USE A QUALIFIED ELECTRICIAN FOR INSTALLATION.** Read the instructions before installing or use of the luminaire.

## WARNINGS, 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.
- 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: 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.
- All wiring connections should be capped with UL approved wire connectors.

### CAUTION: RISK OF INJURY

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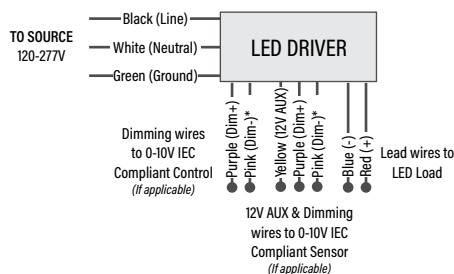
### NOTICES:

- Green ground screw provided in proper location. DO NOT RELOCATE.
- Use minimum 90°C supply conductors.
- Suitable for Wet Locations.

## GENERAL INFORMATION

⚠ **WARNING** DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

### WIRING DIAGRAM



TO SOURCE 120-277V
— Black (Line)
— White (Neutral)
— Green (Ground)

**LED DRIVER**

Dimming wires to 0-10V IEC Compliant Control *(If applicable)*

Purple (Dim+)
Pink (Dim-)*
Yellow (12V AUX)
Purple (Dim+)
Pink (Dim-)*
Blue (-)
Red (+)

Lead wires to LED Load

12V AUX & Dimming wires to 0-10V IEC Compliant Sensor *(If applicable)*

*Note: If not connecting to an external 0-10V dimmer circuit, make sure fixture's 0-10V pink and purple leads are capped off separately. Failure to do so may cause fixture to perform incorrectly, and void warranty.*

### HARDWARE KIT
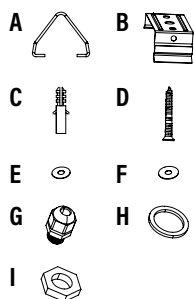


| | CONTENTS | 2FT/4FT | 8FT |
|---|---|---|---|
| A | V-Hook | 2 ea. | 3 ea. |
| B | Surface Mount Bracket | 2 ea. | 3 ea. |
| C | Plastic Anchor 6x31mm | 2 ea. | 3 ea. |
| D | Self-Tapping Screws 4x32x7mm | 2 ea. | 3 ea. |
| E | Washer 4x12x0.7mm | 2 ea. | 3 ea. |
| F | Rubber Gasket 4x12x1mm | 2 ea. | 3 ea. |
| G | Plug | 1 ea. | 1 ea. |
| H | Sealing Ring | 1 ea. | 1 ea. |
| I | Nut | 1 ea. | 1 ea. |

### FIELD ADJUSTABLE WATTAGE & CCT

The end users may adjust the color temperature and lumen output, respectively, by the two slide switches. Each switch has 3 options (left, middle and right ), each position corresponds to 3 color temperatures (3500K, 4100K, and 5000K) and 3 wattages, which can be adjusted to the desired combination.

1. The wattage switch is located on the driver, while the CCT switch may be on the driver or at the end of the LED tray.
2. Select a wattage and color temperature by sliding switches left or right respectively to the desired value.



Slide Switch
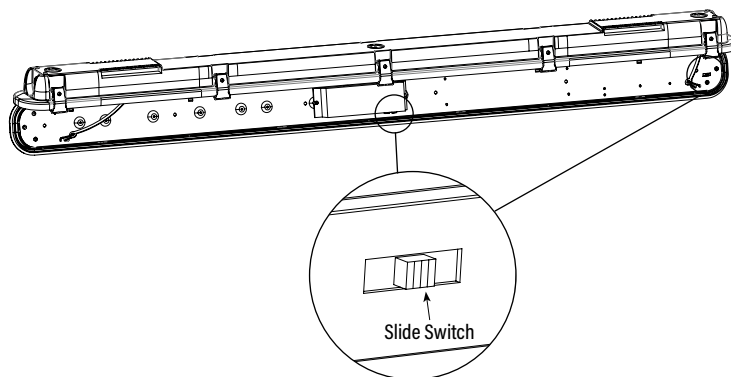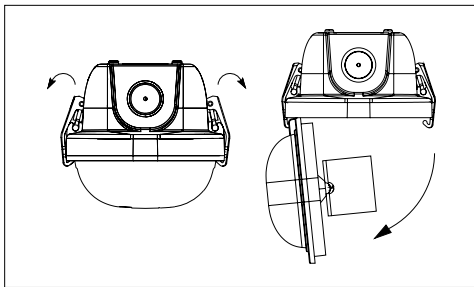
# SPEC-SELECT™ LED VAPOR TIGHT
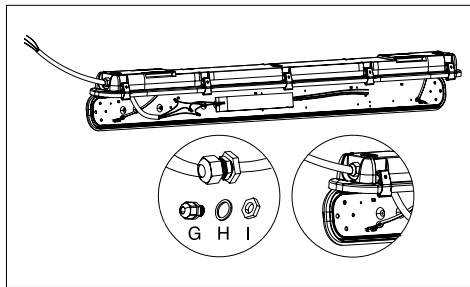**INSTALLATION INSTRUCTIONS**

## INSTALLATION

⚠ **WARNING** DISCONNECT POWER BEFORE INSTALLING OR SERVICING.
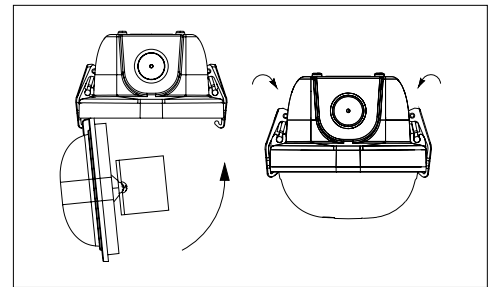
### CONNECTING POWER CORD FOR ALL TYPES OF INSTALLATION



A. Release latches by pulling top of latch away from housing.



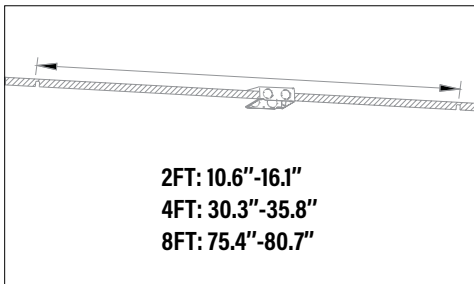B. Connect power to driver as shown. (Flexible cord supplied by installer)*
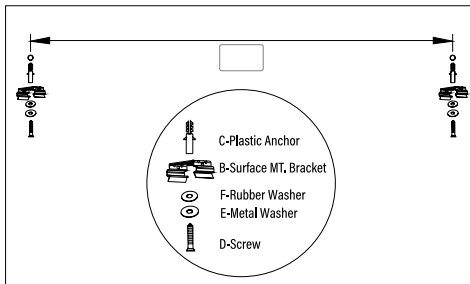


C. Reattach LED tray to fixture by reversing step 1.

**\*Note:**
- Connect to power using flexible cord (SJTW 18AWG, not included) to the driver input wires.
- Use the included wet-location-rated strain relief fitting for running the flexible cord through the knockout in the fixture.

### SURFACE MOUNT
**Connect power cord first (Fig. A-C, above)**



2FT: 10.6''-16.1''
4FT: 30.3''-35.8''
8FT: 75.4''-80.7''

1. Drill holes at the marked mounting locations.



C-Plastic Anchor
B-Surface MT. Bracket
F-Rubber Washer
E-Metal Washer
D-Screw

2a. **Wall mounting**, use the provided anchors and screws.



Toggle Wing
B-Surface MT. Bracket
F-Rubber Washer
E-Metal Washer
Toggle Bolt
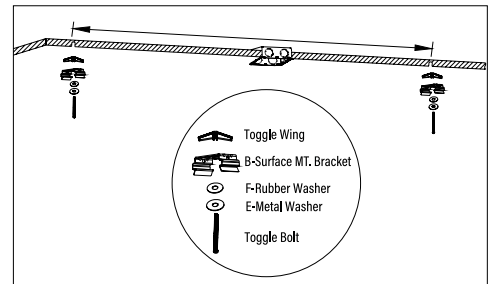
2b. **Ceiling mount**, secure the surface mount bracket using toggle bolts and wings (installer supplied).
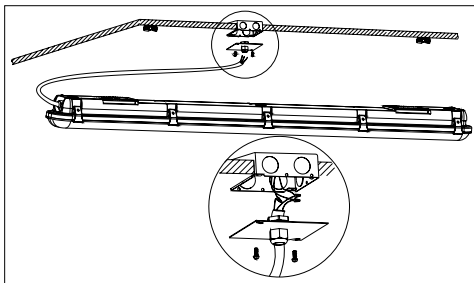


3. Follow general wiring diagram. Make sure the power supply is disconnected before installing.
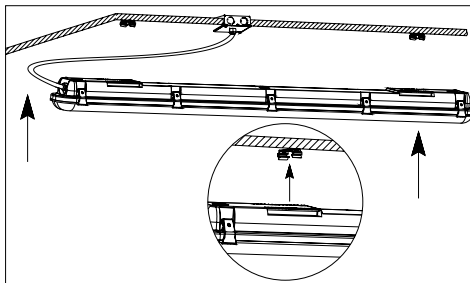


4. Press the fixture housing into the clips until both recesses on either side are fully secured.

**Note:** If there are any gaps at the fixture housing after connection, be sure to seal them up with waterproofing silicone glue or sealant.

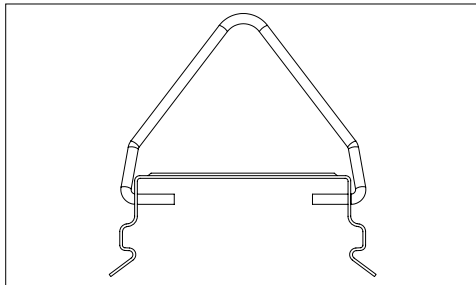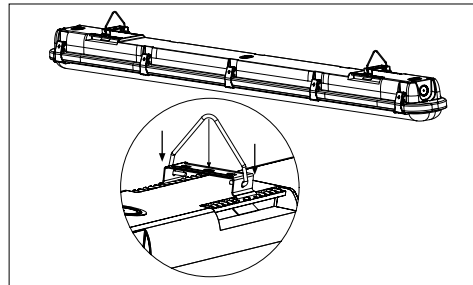# SPEC-SELECT™ LED VAPOR TIGHT
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## INSTALLATION

**SUSPENDED MOUNT** *(Chain or Cable sold separately)*
**Connect power cord first (Fig. A-C, page 2)**

1. Attach v-hook to each surface mount bracket by spreading the ends of the v-hook apart and then inserting the legs into the holes in the side of the brackets.

2. Secure surface mount brackets to housing recesses by firmly pressing them into place until both sides of the brackets are secured.
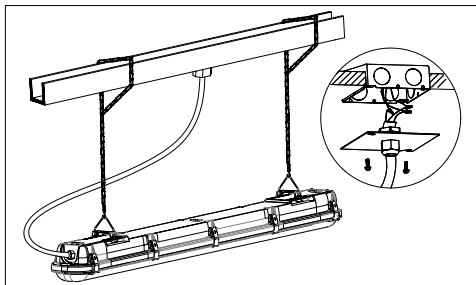
3a. **Chain:** Hang fixture from chain using v-hook. (Chain supplied by installer) Follow general wiring diagram. Make sure the power supply is disconnected before installing.
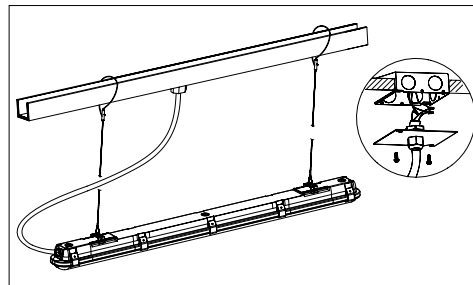
3b. **Cable:** Attach the ends of aircraft cable to the v-vooks. Adjust aircraft cable to make fixture at a proper height by quick cable-lock. (Cable supplied by installer) Follow general wiring diagram. Make sure the power supply is disconnected before installing.

## INTEGRATED SENSOR OPTION (ISO)

**FIXTURES W/ISO**
*(If applicable, sensor and elbow sold separately)*

**For fixtures, with an integrated sensor socket.**

1. Remove sensor socket cover. (Fig. 1)
2. Install elbow connector by screwing in clockwise until firmly seated. Once firmly installed, elbow socket can be carefully adjusted to desired position. (Fig. 2)
3. Install sensor by screwing in clockwise until firmly seated. (Fig. 3 & 4)

*Note: If you move the sensor to a different location on the fixture, use waterproof knockout plug to cover original sensor hole.*
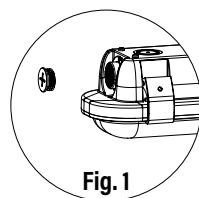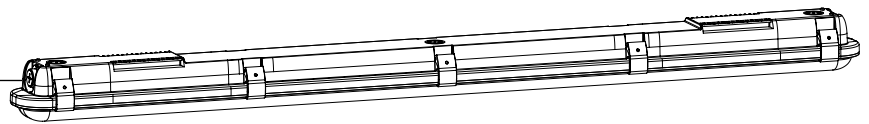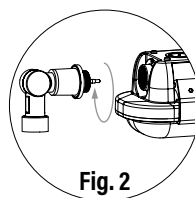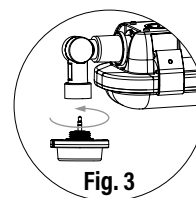
**Fig. 1**          **Fig. 2**          **Fig. 3**          **Fig. 4**