

## INSTALLATION INSTRUCTIONS

### IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

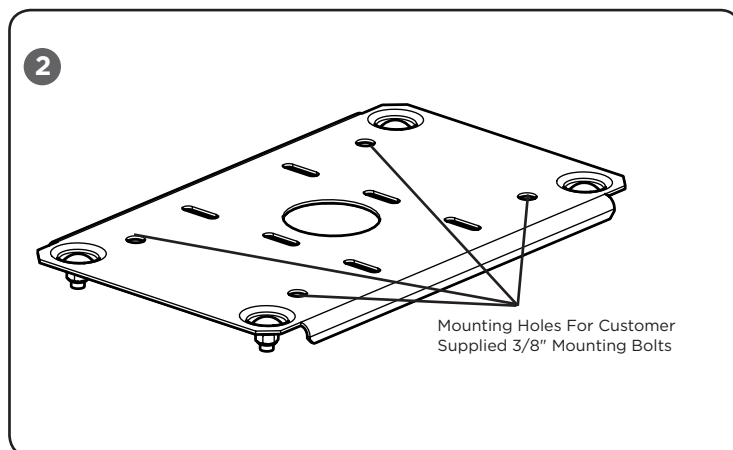
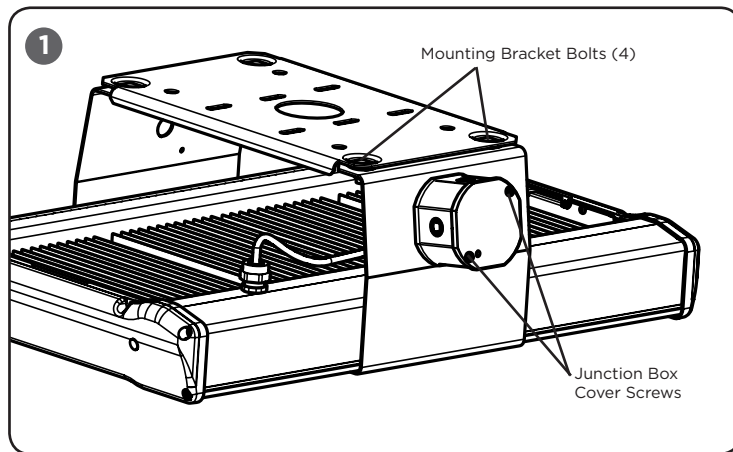
### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. To reduce the risk of electrical shock, turn off power supply before installation or servicing.
2. This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
3. Damage to luminaire will result when improper voltage is applied. Verify luminaire is suitable for supply voltage by checking electrical label on luminaire.

### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

**NOTE:** Before installing, ensure the mounting surface, cable and the cable securement points are structurally sound and capable of supporting the weight of the luminaire

### TO INSTALL:



### DIRECT MOUNTING

#### STEP 1:

Open the Junction Box Cover by removing the two (2) screws securing it to the Junction Box, See **Figure 1**, and set aside.

#### STEP 2:

Remove the (4) nuts securing the retained Mounting Bracket Bolts to the top of the mounting bracket. Remove the top piece of the mounting bracket assembly from the luminaire. See **Figure 1**.

#### STEP 3:

Align the mounting bracket removed in Step 2 on an appropriate mounting surface. Using customer supplied 3/8" mounting bolts, secure the luminaire to the mounting surface. See **Figure 2**.

#### STEP 4:

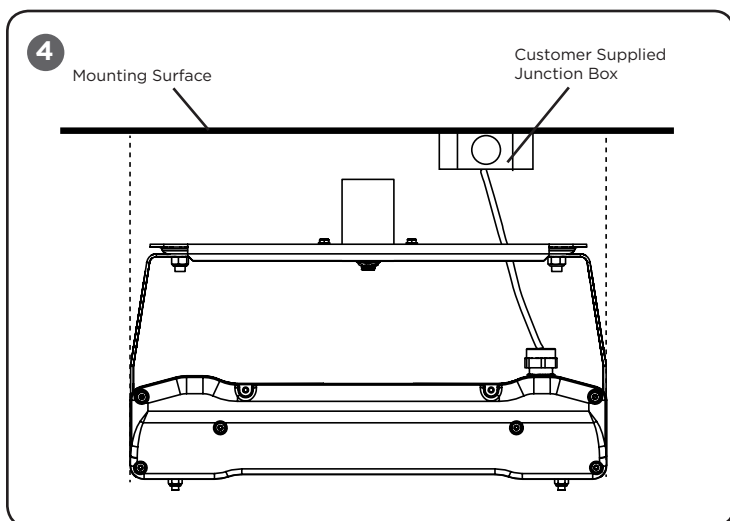
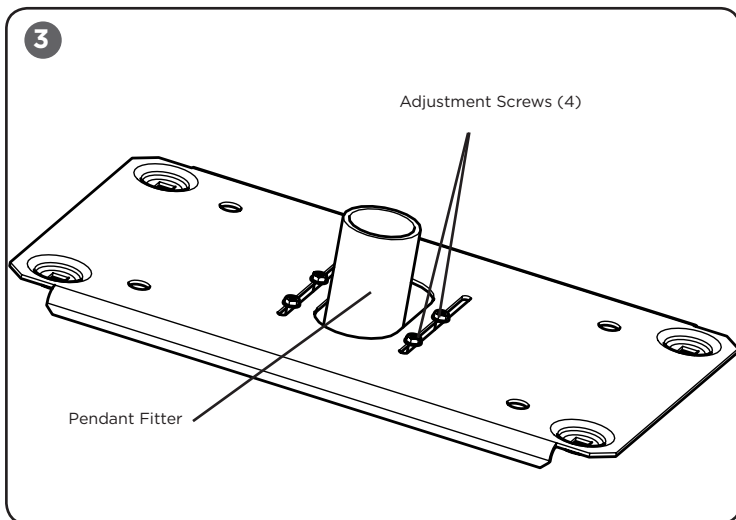
Once the mounting bracket is secured to the mounting surface, re-secure the luminaire using the nuts and screws removed in Step 2.

#### STEP 5:

Make wiring connections per the **Electrical Connections** sections.

#### STEP 6:

Replace the Junction Box Cover removed in Step 1.



## PENDANT MOUNTING

### STEP 1:

Install the pendant fitter (shipped separately) with the four supplied screws to the top of the mounting bracket. See **Figure 3**.

### STEP 2:

The pendant can be adjusted laterally by the pendant fitter to the desired position and then tightening the 4 Adjustment Screws.

### STEP 3:

Size the customer supplied pendant accordingly and ensure that the pendant and mounting surface is capable of supporting the weight of the luminaire.

### STEP 4:

Raise the luminaire to the customer supplied pendant, pendant coupling and junction box and secure the pendant fitter to the pendant coupling.

### STEP 5:

Route the luminaire cord to the customers' junction box. See the **Electrical Connections** section for wiring instruction.

**NOTE:** The National Electrical Code (NEC) requires that the supply cord be visible for its entire length and the luminaire be located directly below the junction box. See **Figure 4**.

### STEP 6:

Install a suitable Listed cord strain relief bushing in the junction box, and feed the luminaire's supply cord through it. Tie an overhand knot in the cord inside the junction box.

### STEP 7:

Connect the cord to the supply wiring per the **Electrical Connections** section. Attach the junction box cover/pendant assembly to the junction box via its screws.

### STEP 8:

Secure the pendant to the luminaire mounting bracket via a suitable conduit fitting (not supplied).

## ELECTRICAL CONNECTIONS

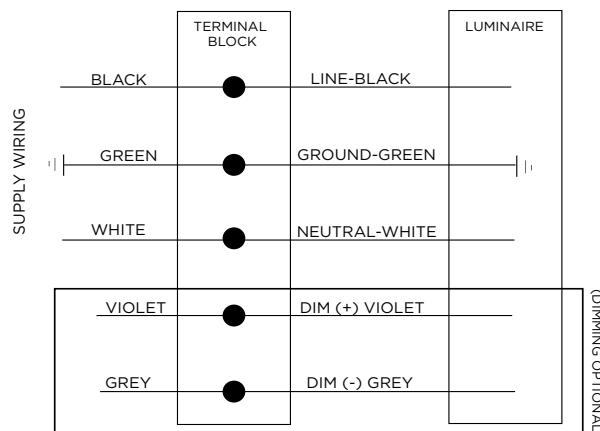
### STEP 1:

After the luminaire is installed and positioned correctly, open the Junction Box Cover on the luminaire by removing the two (2) screws and set aside.

### STEP 2:

Using Listed 90°C minimum rated wire connectors make the following electrical connections within the junction box:

- Connect the black luminaire lead to the voltage supply position of the terminal block.
- Connect the white luminaire lead to the neutral supply position of the terminal block.
- Connect the green ground lead to the green wire position of the terminal block.
- If Dimming is an option; connect the violet dimming positive lead to the supply dimming positive lead.
- If Dimming is an option; connect the grey dimming negative lead to the supply dimming negative lead.



## G-OPTION ELECTRICAL CONNECTIONS

### LOW MODE (175 mA): 40-160 LEDS

Low Mode is enabled when voltage is applied to Line 1 and Line 2 is de-energized (0 volts applied).

### STANDARD MODE (350 mA): 40-160 LEDS

Standard Mode is enabled when voltage is applied to Line 2 and Line 1 is de-energized (0 volts applied).

### STANDARD MODE (350 mA): 40-120 LEDS

Standard Mode is enabled when voltage is applied to both Line 1 and Line 2.

### HIGH MODE (525 mA): 40-120 LEDS

High Mode is enabled when voltage is applied to both Line 1 and Line 2.

Line 1 - 175 mA	Line 2 - 175mA (140-160 Leds) Line 2 - 350 mA (20-60 Leds)	Drive Current Output (mA)
ON	OFF	175
OFF	ON	350
ON	ON (20-60 LEDS)	525
ON	ON (140-160 LEDS)	350

**LUMINAIRE WIRING:** G-Option luminaire wiring is Phase to Neutral only. Refer to wiring diagram on the right for the appropriate connections.

