Specifications

Item -	**37121E**
Model -	**LED TROFFER 2X4 WATT/CCT Selectable**
Type -	**LED**
Input Voltage -	**120-277VAC 50/60Hz**
Watts -	**34/38/45**
Length -	**47.8"(1213mm)**
Width -	**23.7"(603mm)**
Height -	**2.13"(54mm)**
Color Temp -	**3500K-5000K**
CRI -	**≥ 80**
Lumen -	**4420/4940/5850**
Lumen Efficacy -	**130lm/w**
Power Factor -	**≥ 0.9**
Finish -	**White**
Dimmable -	**Yes, 0-10V**
Damp Location -	**Yes**
Life -	**50,000 Hours**
Ambient Operating Temp -	**-4°F to 122°F (-20°C to 50°C)**
Surge Protection -	**2KV**
Average Beam Angle -	**130°**
-	**Type IC**
-	**Motion sensor optional (37122B)**
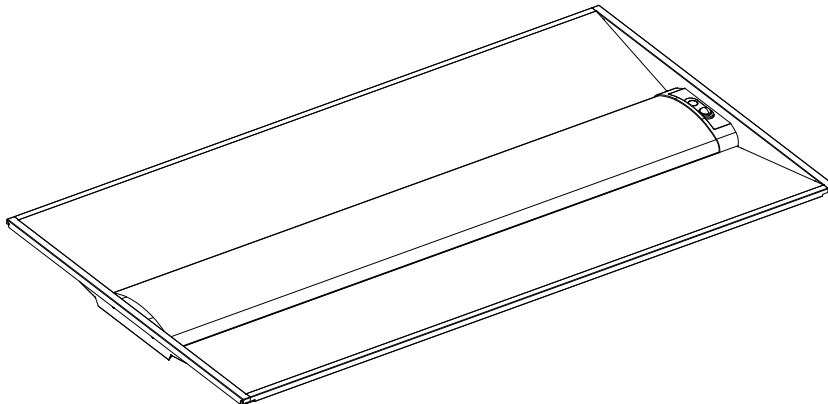
DAMAR®   805 N Carnation Drive   Aurora, MO 65605   Lighting the World

Installation Instructions

⚠ 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 the 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 the fixture to cool before handling it.
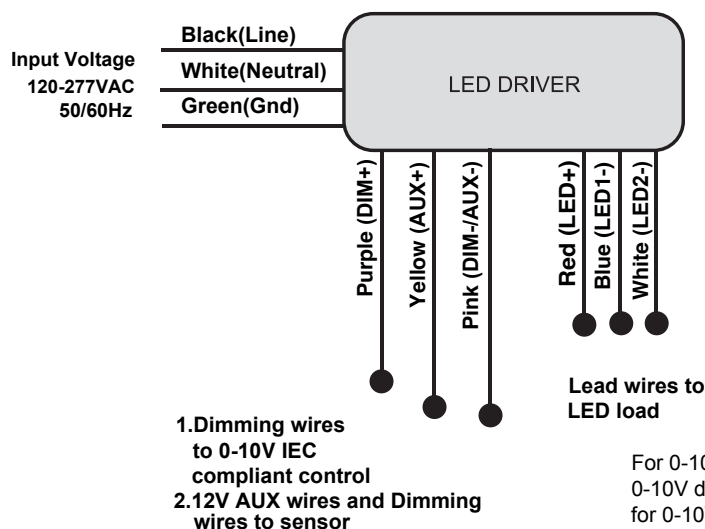
NOTICE: The green ground screw is provided in the proper location. Do not relocate.
NOTICE: Minimum 90° supply conductors.
NOTICE: Specifications and dimensions subject to change without notice.
NOTICE: Suitable for Dry or Damp locations, Type IC.

General Wiring Diagram

1.Dimming wires to 0-10V IEC compliant control
2.12V AUX wires and Dimming wires to sensor

For 0-10V dimming, remove the driver cover so you can access the purple + and pink - 0-10V dimming wires. The appropriate wires can be inserted into the quick connectors for 0-10V dimming. When the wiring is complete, reattach the driver cover.
Note: The motion sensor and 0-10V dimming can't be used at the same time.

Installation Instructions

INSTRUCTIONS:

Always turn off the power supply from main circuit breaker first!
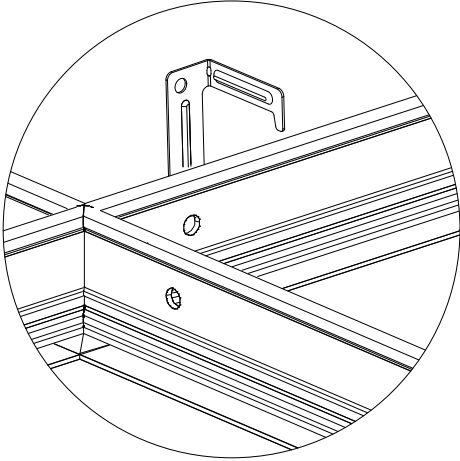
Figure 1

Figure 2

Figure 3
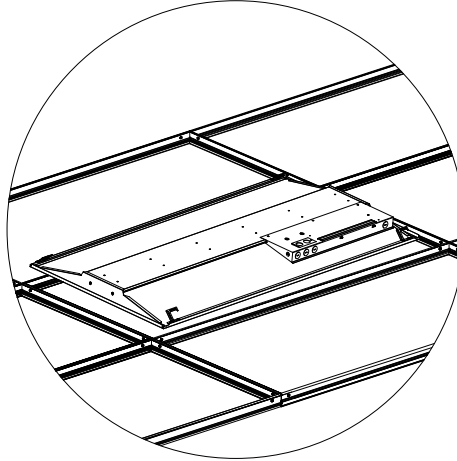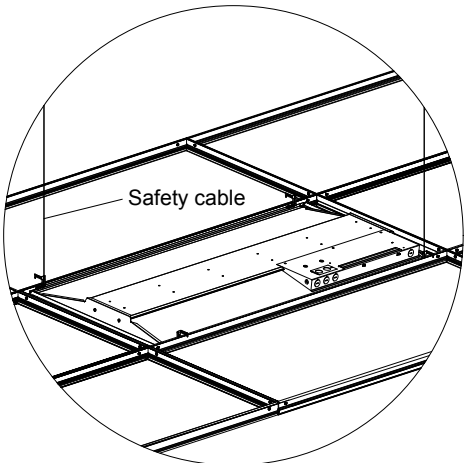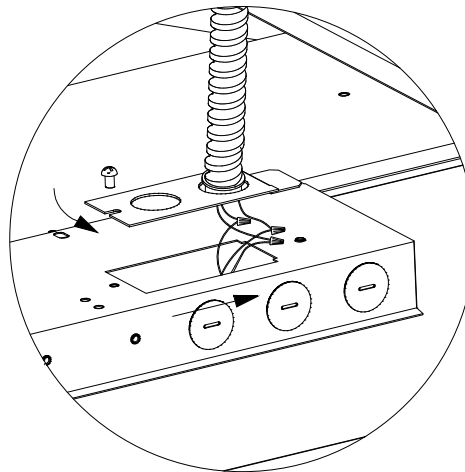
Figure 4

Safety cable

Installation Steps:

Figure 1: Bend out the mounting tab 90 degrees on each corner.

Figure 2: Lay the fixture into T-grid.

Figure 3: Use hanger wire to tie off appropriately in accordance with local building code.

Figure 4: Install conduit containing the line, neutral, and ground conductors to the knockout of the cover plate. Make all electrical connections to the fixture. Attach the wiring access cover plate.

Installation Instructions

Field-Adjustable Wattage & CCT

34-38-45

3500K-5000K

Wattage Switch

CCT Switch
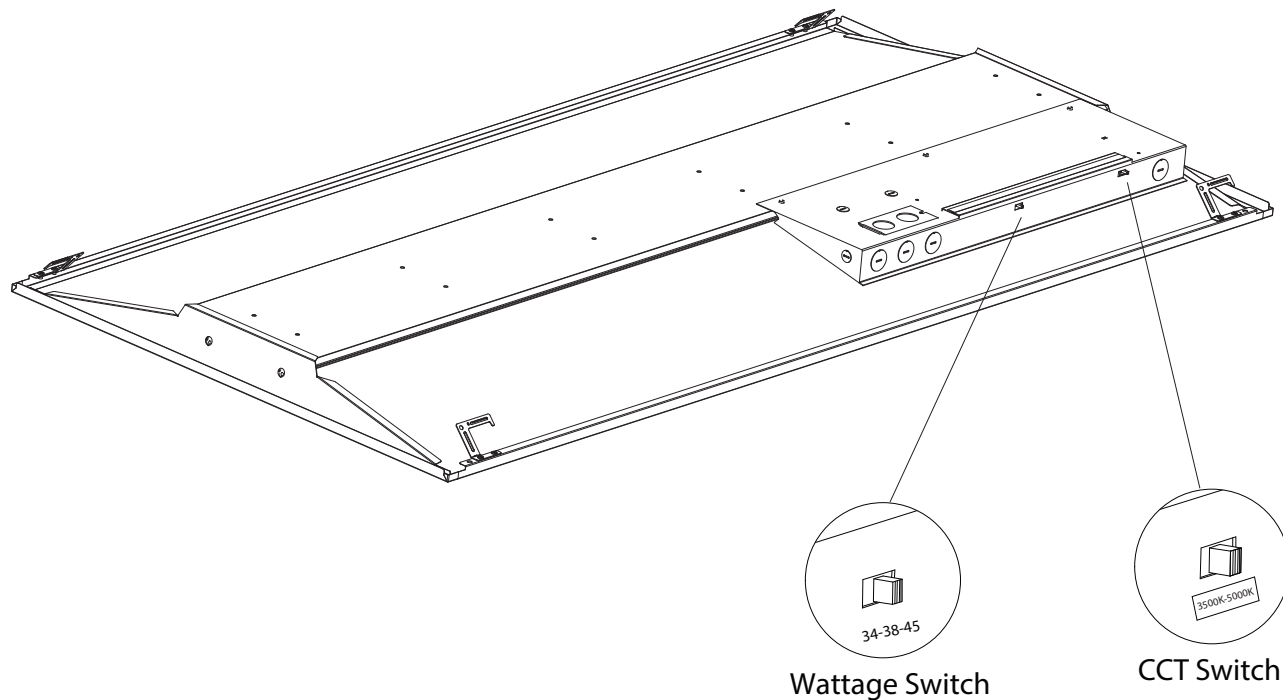
The end user may adjust the color temperature and lumen output with the two DIP switches indicated in the diagram. Each DIP switch has three positions; left, middle, and right. These positions correspond to 3 color temperatures and 3 wattages respectively. These can be adjusted for the desired color temperature and lumen output combination.

1. DIP switches are located on the side of the fixture.

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