

Lumen Select Troffer, Gen 1

Instruction Number: P-INT-X-466

Product Series: LTHES2

Use this instruction to install the LTHES2.

Components

- 1 LTHES2 Fixture

Tools Required for Installation

- Cordless drill
- Wire cutter/stripper

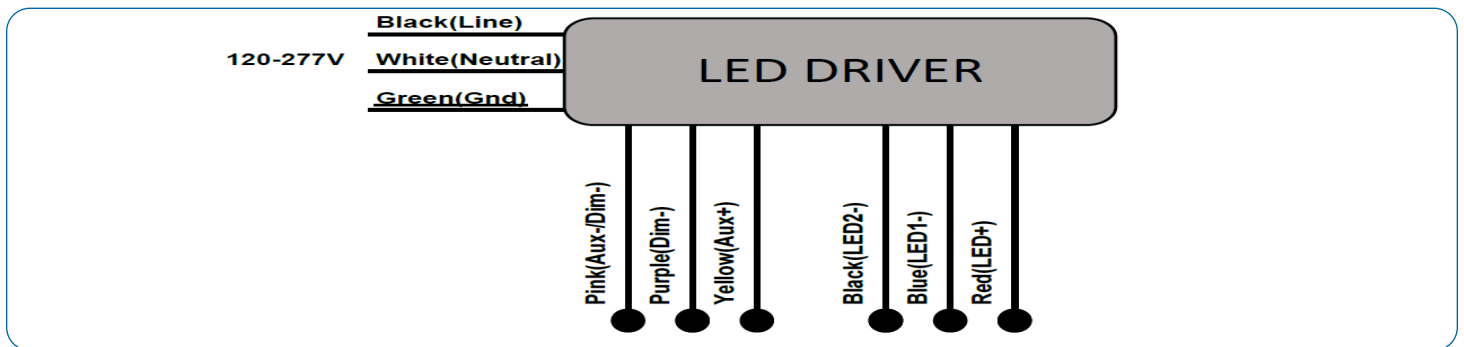


WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

1. This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with local building codes with the NEC (National Electric Code) and all local codes.
2. Use only UL (or other NRTL) approved wire for input/output connections.
3. Minimum 90°C supply conductors.
4. Make sure LEDs and drivers are cool to touch when performing maintenance.
5. Make sure the supply voltage is the same as the rated voltage of the luminaire.
6. All wiring product before installation. Do not install damaged product. Connections should capped with UL approved wire connectors.
7. Wear gloves and safety goggles at all times when removing luminaires from carton, installing, servicing or performing maintenance.
8. Avoid direct eye exposure to the illuminated light source.
9. Put aside small parts and dispose packing material properly.
10. To avoid hazards and unnecessary failures due to misuse, please read carefully all warnings and instructions included and all labels.
11. Green ground screw provided in proper location. Do not relocate.
12. Suitable for Dry or Damp location, Type IC.
13. Always check the product before installation. Do not install damaged product.

Standard Wiring Diagram



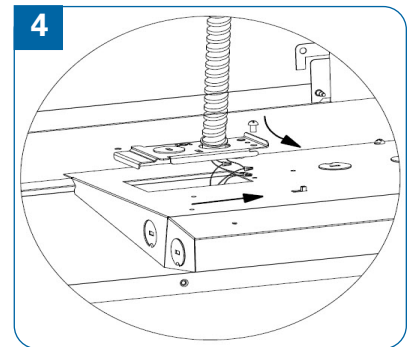
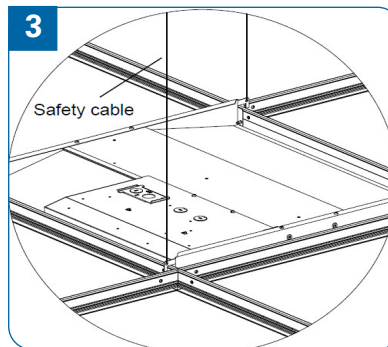
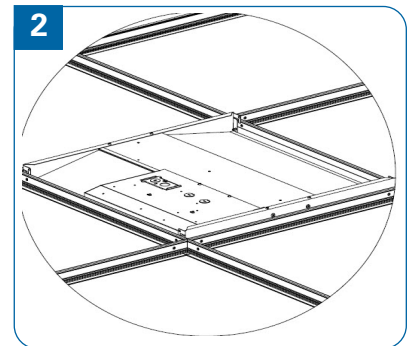
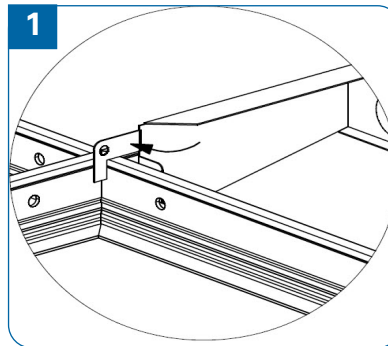
Lumen Select Troffer, Gen 1

Instruction Number: P-INT-X-466

Product Series: LTHES2

Step-by-Step Instructions

- 1 Remove the fixture from packaging.
- 2 Turn off power supply from main circuit breaker.
- 3 Bend mounting tab 90° on each corner of the fixture so it inserts securely over the T-bar grid (See Fig. 1).
- 4 Lay fixture into T-bar grid (See Fig. 2).
- 5 If applicable, secure fixture using safety cable in accordance with local building codes (See Fig. 3).
- 6 Remove cover plate opening from driver channel. Secure conduit and incoming power supply wires into cover plate opening. Make electrical connections per NEC and local codes. (See Fig.4)
- 7 Insert all wires into driver channel and reattach the cover plate (Note: Do not pinch wires while closing)
- 8 Restore power and test fixture.

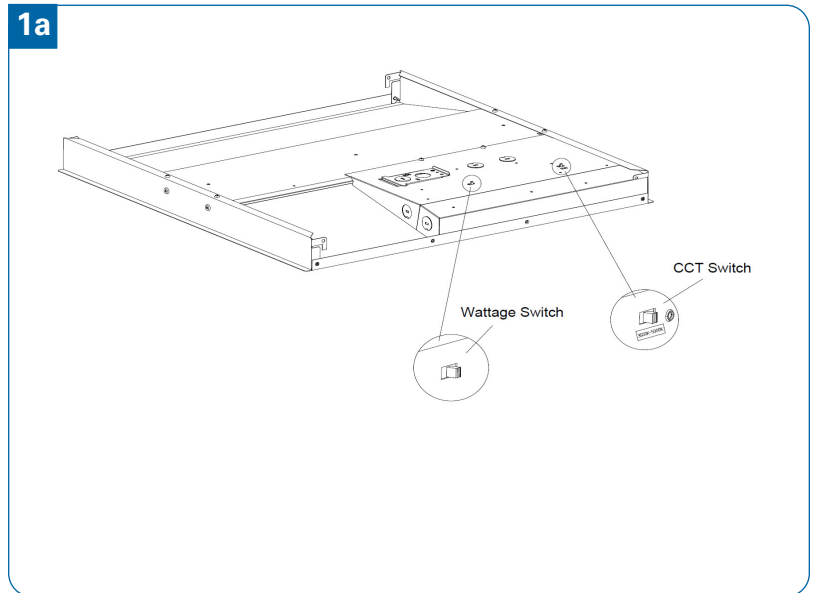


Field Adjustable Wattage and CCT

End users can adjust the color temperature and lumen output to the desired level by using the two dip switches located on the back of the driver channel. Each switch offers three options (3 lumen outputs and 3 color temperatures). See below for configurations and Fig. 1a for switch locations.

CCT Switch	Position		
	Left	Middle	Right
	3500K	4000K	5000K

Lumen code	Wattage Switch	Position		
		Left	Middle	Right
	A1	20W	25W	30W
		2750lm	3500lm	4000lm
	B1	25W	30W	35W
3500lm		4000lm	4500lm	
C1	34W	38W	45W	
	4500lm	5000lm	5500lm	



Lumen Select Troffer, Gen 1

Instruction Number: P-INT-X-466.1

Product Series: LTHES2

Use this instruction to install the battery back up kit on the LTHES2 fixture in the field.

Components

- 1 LTHES2 Fixture
- 2 LTHES-BB8-KIT (Battery Back Up)

Tools Required for Installation

- Cordless drill
- Wire cutter/stripper
- Battery back up mounting hardware



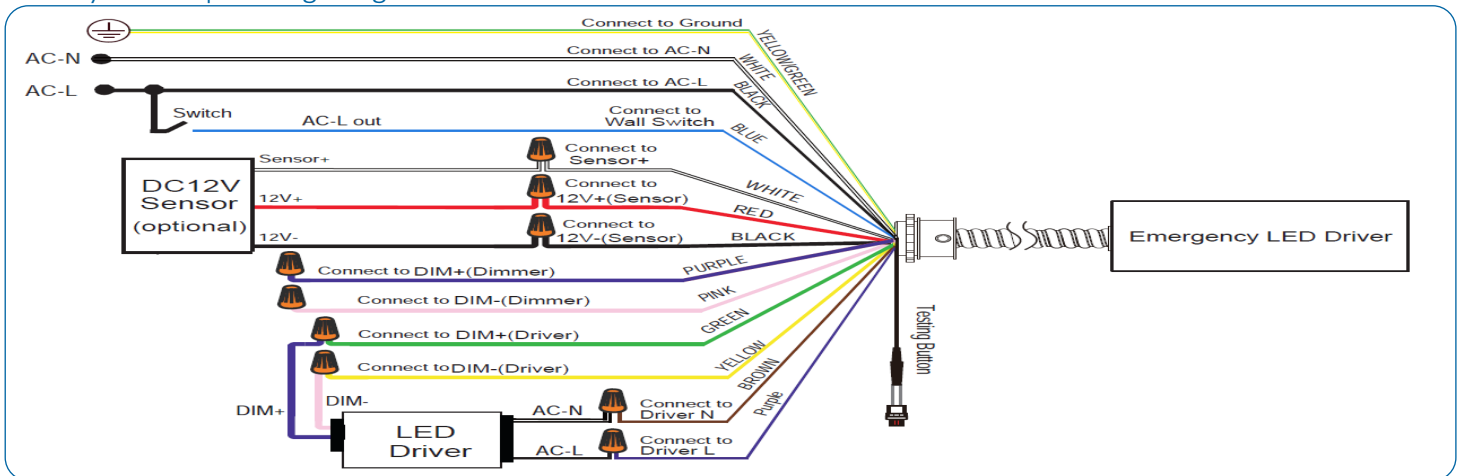
WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

1. This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
2. Use only UL (or other NRTL) approved wire for input/output connections.
3. Minimum 90°C supply conductors.
4. Make sure LEDs and drivers are cool to touch when performing maintenance.
5. Make sure the supply voltage is the same as the rated voltage of the luminaire.
6. All wiring product before installation. Do not install damaged product. Connections should capped with UL approved wire connectors.
7. Wear gloves and safety goggles at all times when removing luminaires from carton, installing, servicing or performing maintenance.
8. Avoid direct eye exposure to the illuminated light source.
9. Put aside small parts and dispose packing material properly.
10. To avoid hazards and unnecessary failures due to misuse, please read carefully all warnings and instructions included and all labels.
11. Green ground screw provided in proper location. Do not relocate.
12. Suitable for Dry or Damp location, Type IC.
13. Always check the product before installation. Do not install damaged product.

Note: Use Battery Back Up Wiring Included in Packaging If It Does Not Match This Installation Instruction

Battery Back Up Wiring Diagram WSD-EML



Lumen Select Troffer, Gen 1

Instruction Number: P-INT-X-466.1

Product Series: LTHES2

Step-by-Step Instructions

NOTE: Emergency mode CCT is only 5000K. See standard instructions for CCT selection and chart.

- 1 Remove the fixture from packaging and the battery back up.
- 2 Turn off power supply from main circuit breaker.
- 3 Remove fixture battery back up test button knockout from fixture and install test button into knockout. (See Fig. 1)
- 4 Place the emergency battery back up driver to the back of the fixture housing (See Fig. 2)
- 5 Remove the desired knockout from the driver channel and install battery back up conduit (See Fig. 3)
- 6 Make electrical connections per NEC and local codes (see page 1 for wiring diagram reference).
- 7 See the standard installation instructions to complete the fixture installation.

