

WATTAGE AND CCT SELECTABLE LED TROFFER DOOR RETROFIT



An integrated, easy-to-install door retrofit that turns an old troffer into a brand-new looking fixture—without the hassle of removing the original.



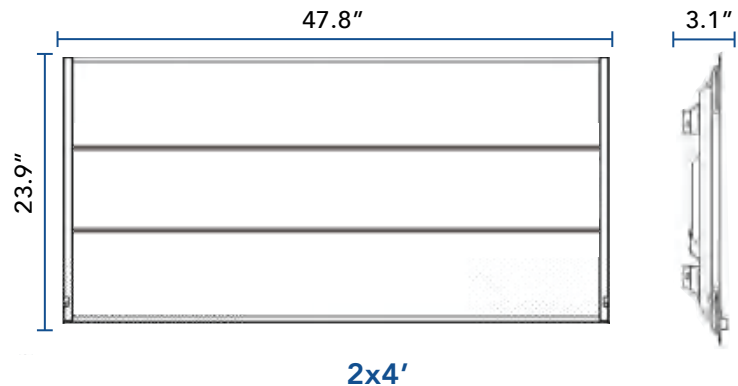
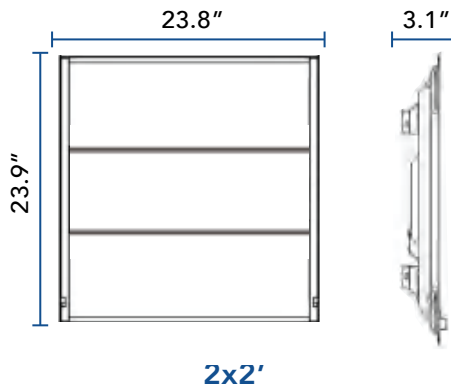
APPLICATIONS

- Offices
- Educational
- Retail
- Healthcare
- Commercial
- Institutional

PRODUCT SPECIFICATIONS

WATTAGES	2x2'- 20W/25W/30W (selectable) 2x4'- 25W/30W/35W (selectable)
COLOR TEMPS	35K/40K/50K (selectable)
EFFICACY	140 lm/W
LUMENS	20W- 2,800; 25W- 3,500; 30W- 4,200; 35W- 4,900
INPUT VOLTAGE	120/277VAC
CRI	Ra<80
DIMMABLE	0-10V
OPERATING TEMP	-22° to 104°F
DIMENSIONS	2x2'- 23.8" x 3.1" x 23.9" 2x4'- 47.8" x 3.1" x 23.9"
LISTED	UL
WARRANTY	5 year
PART NUMBERS	ZL-22-30W-L-H-TRK ZL-24-35W-L-H-TRK

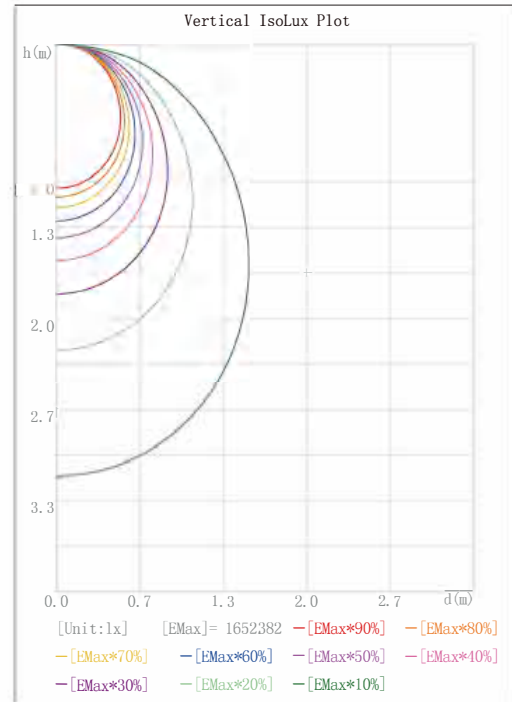
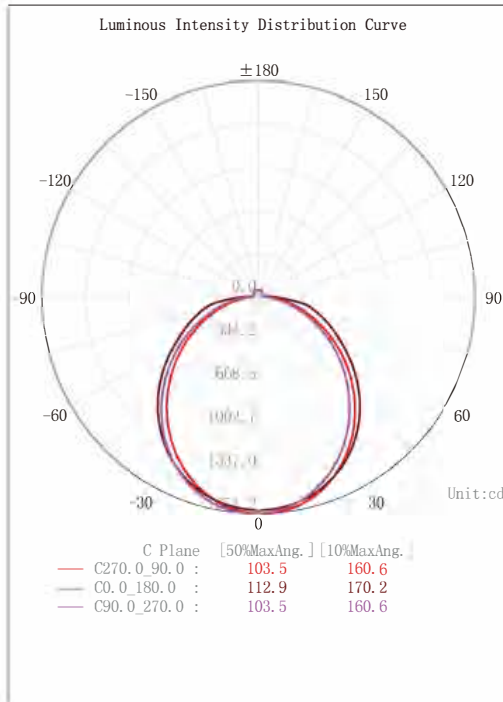
DIMENSIONS



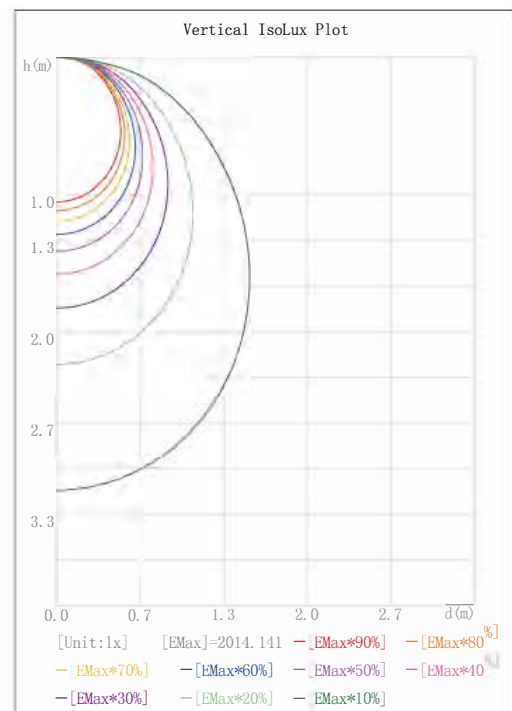
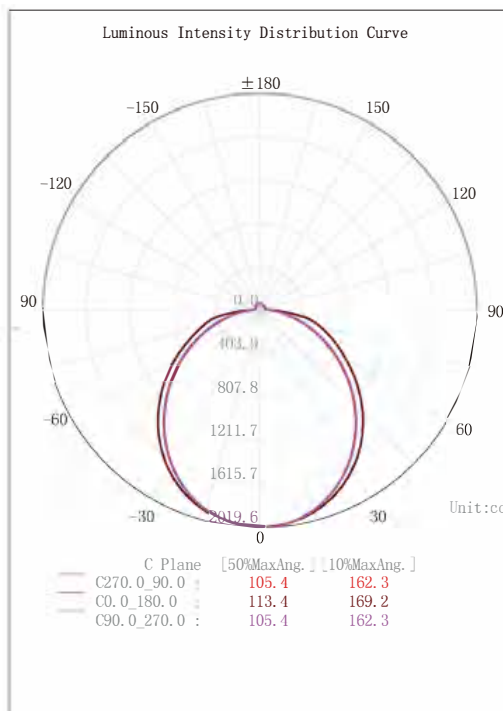
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LUMINOUS INTENSITY DISTRIBUTION

2x2'



2x4'



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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 that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

WARNING - Risk of fire or electric shock. The electrical rating of these products are 120-277 Vac, the installer must determine whether they have 120-277 V at the luminaire before installation.

WARNING - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

WARNING - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

⚠ 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 changing bulb or handling fixture.

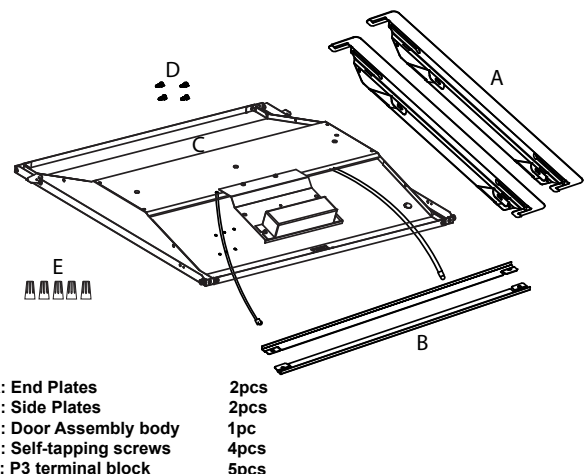
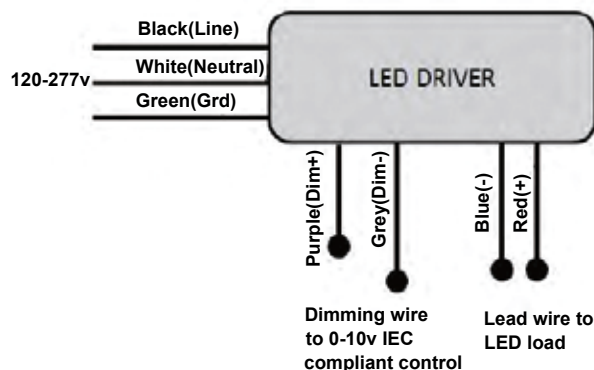
NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90° supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

NOTICE: Suitable for Dry or Damp location, Type IC

General Wiring Diagram



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INSTALLATION INSTRUCTIONS

NOTICE:

The existing fluorescent luminaries housing shall be larger than dimensions described in below table:

Housing Designation	Overall inner Dimensions
2' x 2'	610 mm by 608 mm by 78 mm high
2' x 4'	1220 mm by 608 mm by 78 mm high

Installation

Figure 1

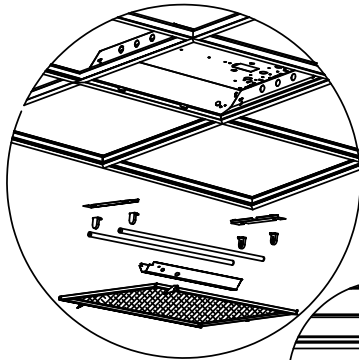


Figure 2

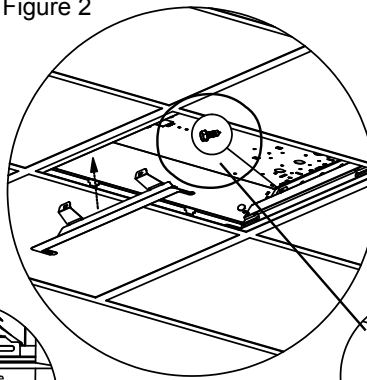


Figure 3

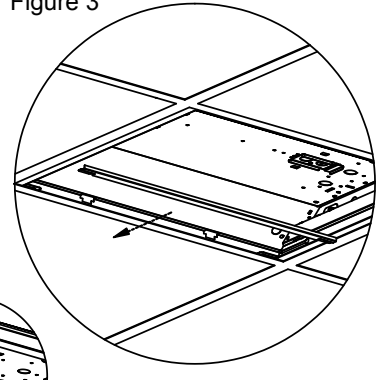


Figure 4

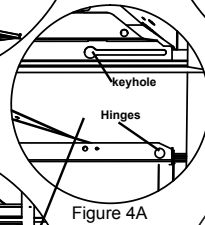
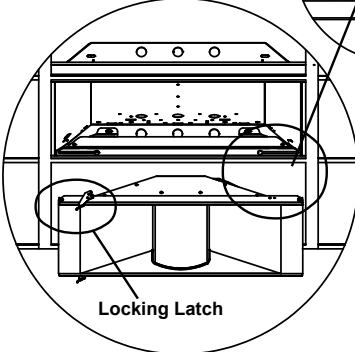


Figure 5

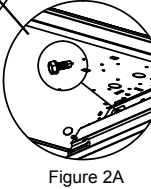
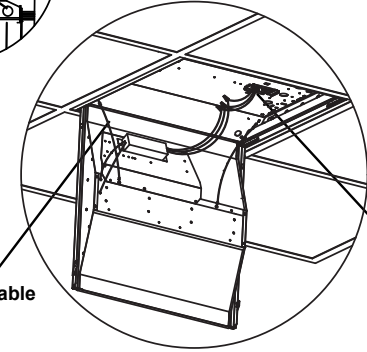


Figure 6

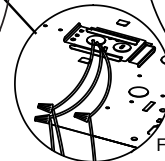
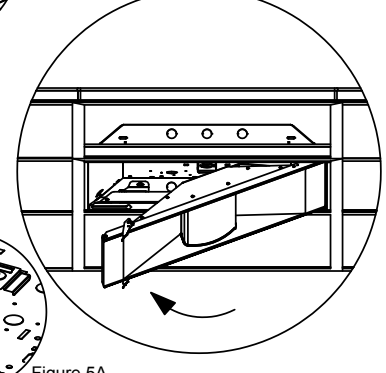


Figure 5A

- Prior to installation, disconnect all incoming power to fixture. Remove existing hardware (lens/lens frame, parabolic louver, reflectors/ballast covers, brackets, lamps/lamp holders). Leave supply and grounding leads. (Fig.1)

NOTE: Follow all federal and local regulations when disposing of lamps and removed components.

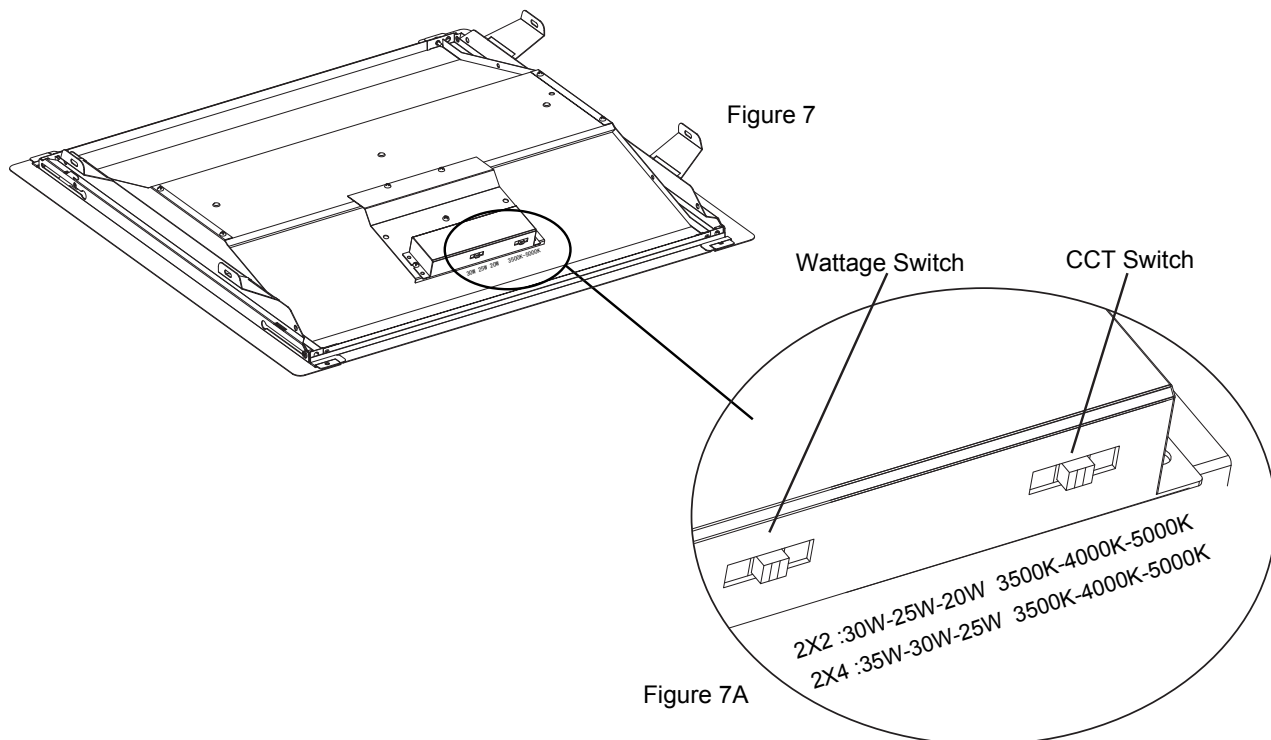
- Install LED panel end brackets to each end of the existing fixture by gently lifting it and placing LED panel end brackets between the fixture and T-grid. (Fig.2)
- If you are not pleased with the gap between the fixture and T-grid, you may install LED panel side brackets between the fixture and T-grid, there are two tabs to allow for placing the side brackets into the slot of end brackets. (Fig.2)
- Secure the LED panel brackets to the existing fixture using the provided #8x1/2" self-drilling screws. (Fig.3)
- Locate the door assembly body onto the keyholes of end brackets, and then slide the door assembly body horizontally to the end of slots. (Fig.4)
- Hook the safety cables into the holes positioned the end brackets. (Fig.5)
- Use the provided wire caps to connect the wire leads of the troffer kits to the main power leads. (Black-Live, White-Neutral, Green-Grounding) (Fig.5)
- Secure the door assembly body by lock the latches riveted on each end of the assembled door frame. (Fig.6)



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INSTALLATION INSTRUCTIONS

Field-Adjustable Wattage & CCT



The end users may adjust the color temperature and lumen output respectively by the two DIP switch buttons integrated into the driver. Each DIP switch is accommodated with 3 options (left, middle and right), corresponding to 3 color temperatures and 3 powers respectively, which can perform the desired color temperature and lumen output combination.

Factory Settings: 2' x 2' 30W 5000K, 2' x 4' 35W 5000K.

1. DIP switches are located onto the driver holder plate. (see Fig. 7)
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value. (see Fig. 7A)

