

# LED Troffer Light Installation Instructions



**THIS INSTALL MANUAL IS APPLICABLE FOR  
MODEL NO : TR02-35W / TR04-45W**

## SAFETY INFORMATION

### IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

### PRECAUTIONS

- ☐ Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
- ☐ This light fixture requires a 120-277 Volt AC power source.
- ☐ Some codes require installation by a qualified electrician.
- ☐ This light fixture must be properly grounded.
- ☐ Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices.
- ☐ This light fixture should be installed indoors to a ceiling, recessed mount application



**WARNING:** Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



**CAUTION:** Burn hazard. Allow the light fixture to cool before touching.



**NOTICE:** If using dimming function, only connect to 0-10V approved dimming switches or control system



**NOTICE:** FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



**INFORMATION:** The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

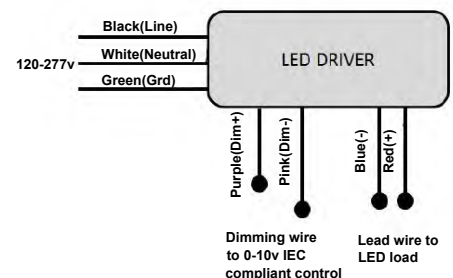
**NOTICE:** Green ground screw provided in proper location. Do not relocate.

**NOTICE:** Minimum 90° supply conductors.

**NOTICE:** Specifications and dimensions subject to change without notice.

**NOTICE:** Suitable for Dry or Damp location,

### General Wiring Diagram



**Contact us :** For support & assistance, please feel free to contact us below.

**E-Mail:** info@medinahpower.com | **Web:** www.medinahpower.com | **Ph:** +1 (844) 870-5337

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## INSTALLATION I:

**ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!**

Figure 1

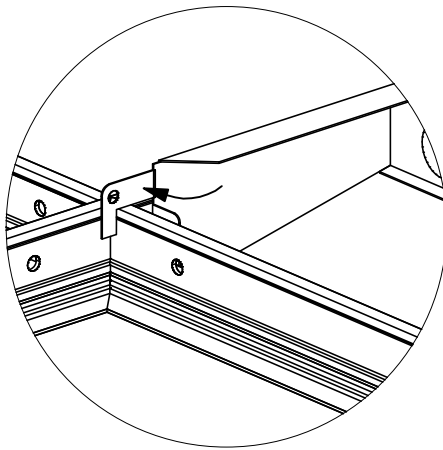


Figure 2

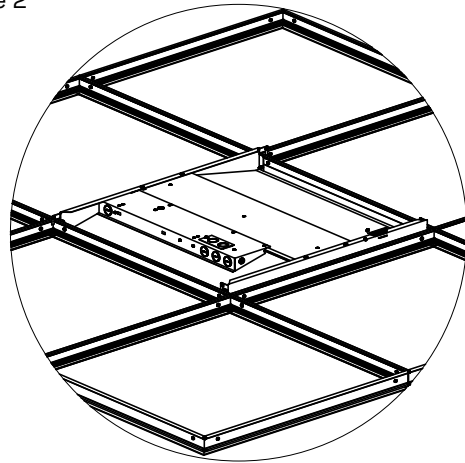


Figure 3

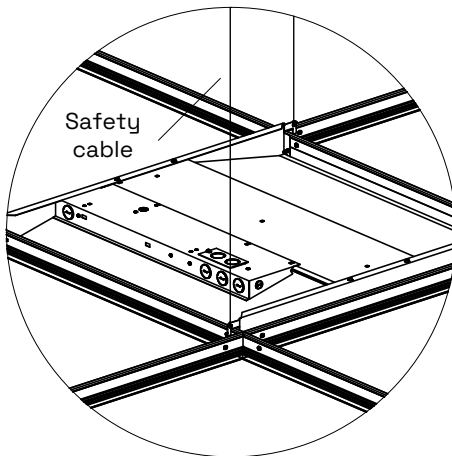
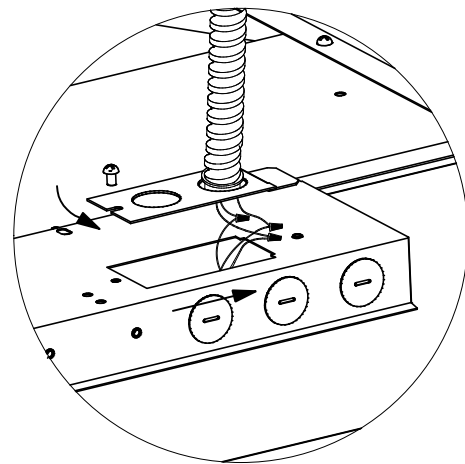


Figure 4



## Installation Steps:

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

Figure 2: Lay fixture into T-grid 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.

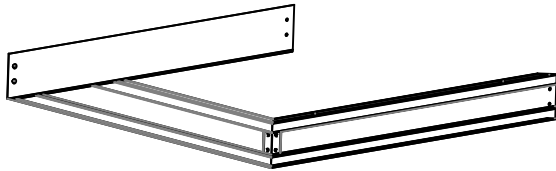
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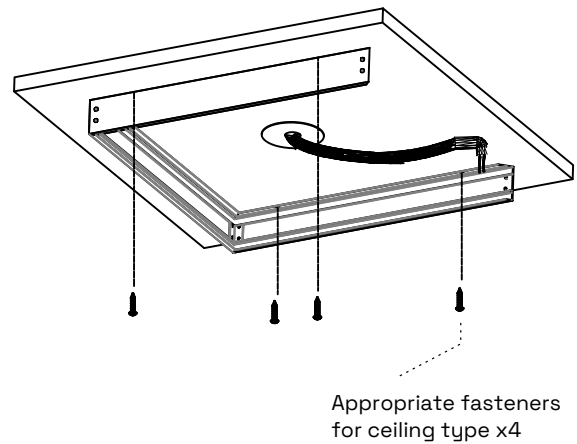
## INSTALLATION

### SURFACE MOUNTING KIT

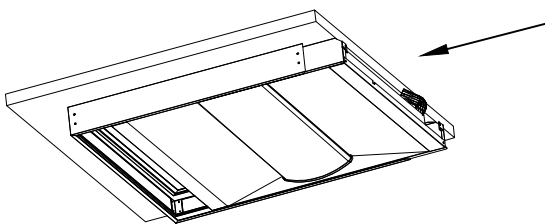
1. Using the appropriate dimensions and fasteners after properly measuring the placement of the surface mount frame.



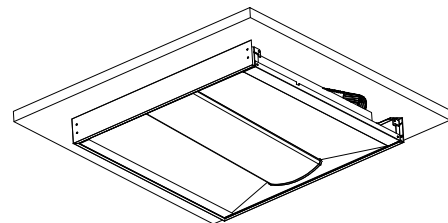
2. Choose the opening part as close as possible to the junction box prior to securing the surface mount frame to the ceiling. Ensure the frame is square, then slide horizontally till the end of slots prior to fully securing the frame to the ceiling.



3. Put the wire conduit hose as close as possible to the surface mount opening before placing/inserting the luminaire into it partially. Make all electrical connections according to local code and make sure wire conduit hose is long enough for wiring connection job.



4. Push the conduit hose back into the surface mount frame properly, insert the luminaire fully into the frame. When installed properly, the luminaire will rest on the flanges of the surface mount frames. If the luminaire is not resting properly on the flanges, lift it up and shift it until it rests into place.

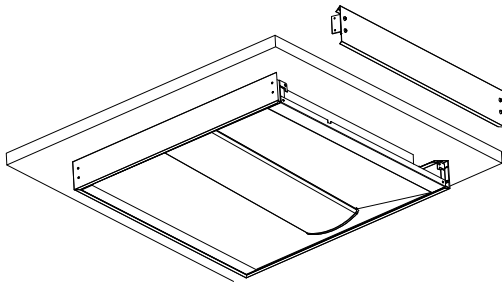


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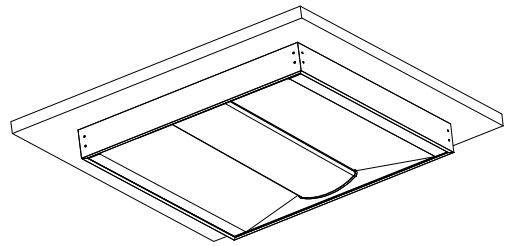


## INSTALLATION

5. Place the last frame into the slots ,then slightly slide the last frame to the left , make sure it get locked tightly, join the last frame to the rested frames by fastening them together with appropriate fasteners .



6.Installation completed.  
Fixture is ready to power on.

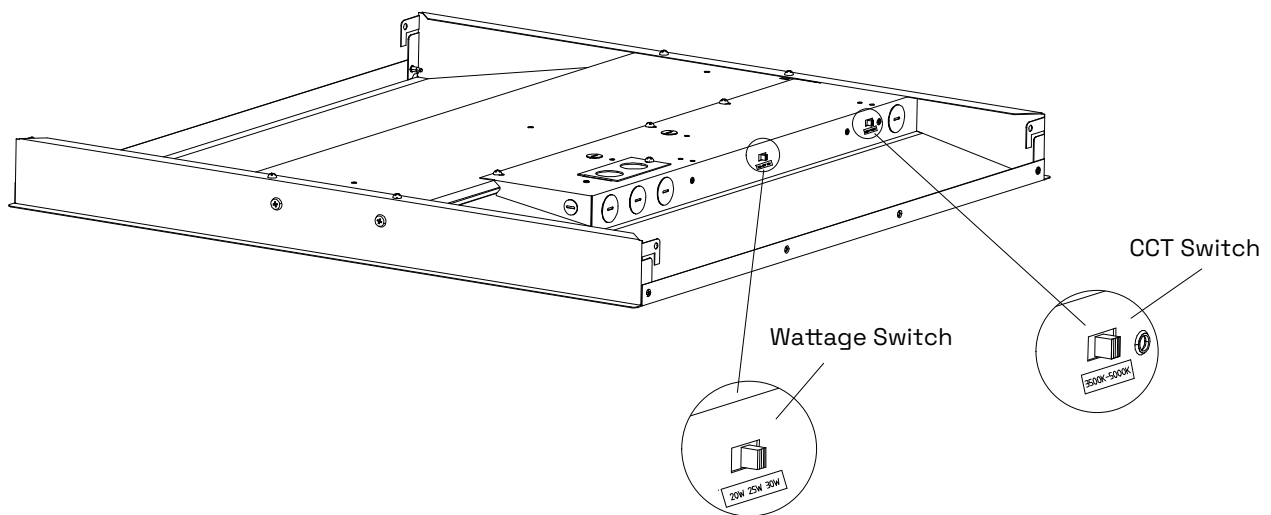


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## INSTALLATION I:

### FIELD-ADJUSTABLE WATTAGE & CCT



The end users may adjust the color temperature and lumen output respectively by the two DIP switch. 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: 5000K, 30W

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

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