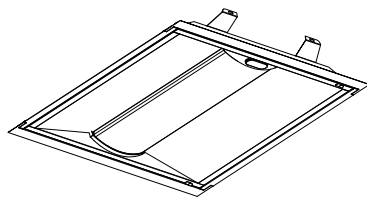
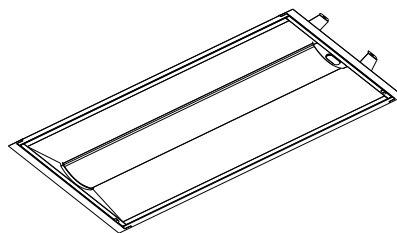


LED Bluetooth Retrofit Troffer Installation Guide



2X2FT



2X4FT

Set-up Options for Connecting Your Bluetooth Downlight

Scan the QR code to download the App, follow instructions for direct to phone set-up, this Bluetooth device is compatible with the Lighting control system only.

App Download:



Commissioning:

The mobile App is the easiest way to pair devices, create groups, set scenes, set schedules, dimming, color tuning, and adjust high trim based on needs.

Notes:

- Please press icon  on the APP to save the setting after you change the "Sensor Settings" 
- Please do not set the speed (S) less than 0.3 for the "Daylight Harvesting"

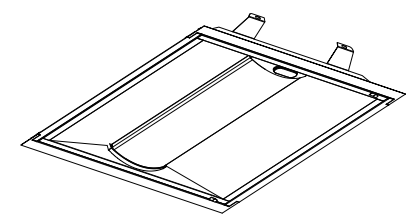
Speed (S)	0.3
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- Please do not turn on the sensor function if the downlight does not have this design.

SAFETY PRECAUTIONS

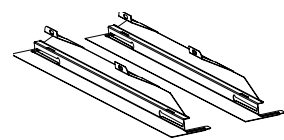
Please reset the Bluetooth function or unbind the fixture from the control terminal before you install the fixture.

- CAUTION-Connect the fixture to a 120/277V, 50/60Hz power source. Any other connection voids the warranty.
- WARNING-To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- WARNING -Wear gloves when handling the fixture as edges are sharp.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.
- The Retrofit Kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction. Product must be installed by a qualified electrician in accordance with the applicable and appropriate electrical codes, this installation guide does not supersede local or national regulations for electrical installation.
- Examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation.
- This device is not intended for use with emergency exits.
- This luminaire is suitable for Damp locations. Prior to installation, review all environmental designation locations in the product specsheet. Only install in damp locations if so indicated in the spec sheet.
- Suitable for open type luminaires.
- For dimming or lighting controls, use provided wiring diagram only.
- 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.
- Before installation or servicing, 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.
- Ground the fixture to avoid potential electric shock.
- Do not handle an energized module with wet hands or when standing on wet or damp surfaces, or in water.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of the LED retrofit kit. Check for enclosed wiring and components.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions, Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire.

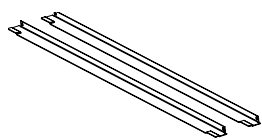
SUPPLIED COMPONENTS



1x Door Kit Fixture



2x Assembly Brackets



2x Trim Brackets



2x Safety Cables



4x Self-Tapping Screws

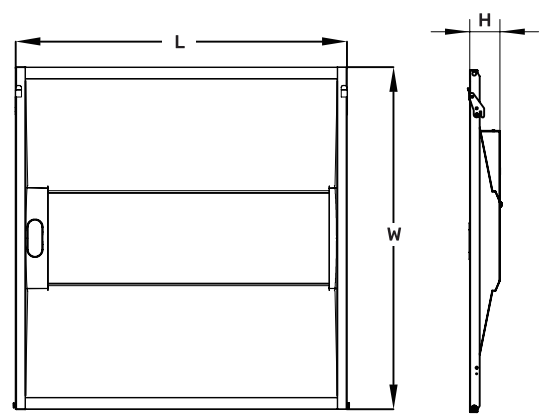


2x Self-Tapping M4 Screws



3x Wire Nuts

DIMENSIONAL DRAWING



With Bracket

Size	L	W	H
1x4	45.39"	10.91"	3.15"
2x2	21.42"	22.13"	1.97"
2x4	45.39"	22.13"	1.97"

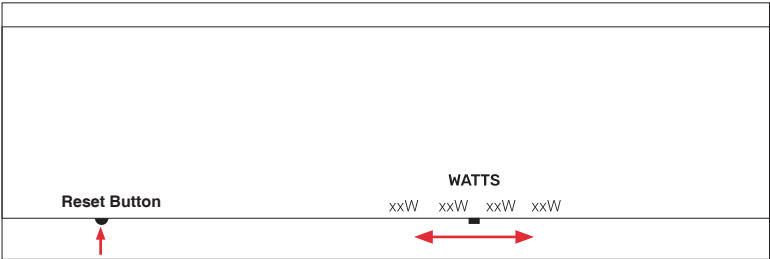
Without Bracket

Size	L	W	H
1x4	45.39"	10.91"	3.15"
2x2	21.42"	22.13"	1.97"
2x4	45.39"	22.13"	1.97"

POWER SELECT (WATTAGE) ADJUSTMENT

This fixture is equipped with field-adjustable Power Select.

1. Ensure power is off to the fixture.
2. Adjust dip switches to desired settings.

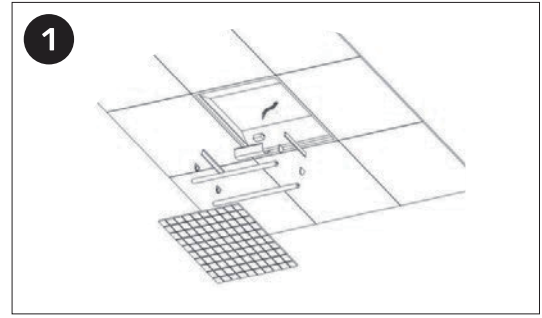


Part No.	Watts
GW-RFKT22-30WS-CCT-BLE-BS	15/20/25/30W
GW-RFKT24-35WS-CCT-BLE-BS	20/25/30/35W

INSTALL INSTRUCTIONS

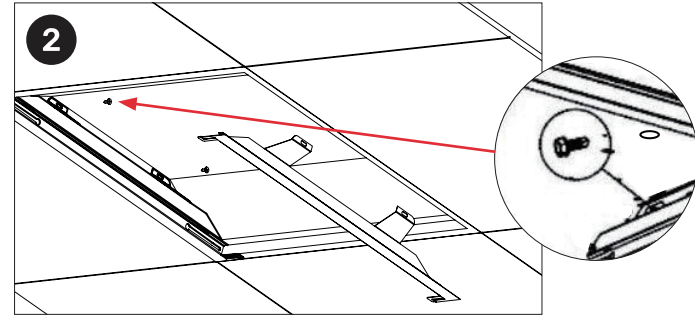
REMOVAL OF EXISTING LIGHT ENGINE

- Step 1.** Disconnect power to the host lighting fixture to be replaced.
- Step 2.** Remove the Lens/Louver, Fluorescent Lamps, Lamp Holders (if applicable), Lamp Holder Leads and Ballast Cover from existing fixture. **See Figure 1.**
- Step 3.** Cut the power wires going into the input side of the ballast. The ballast may remain in place, unless it is determined that it needs to be removed to provide extra clearance. NOTE: If parts have to be removed from the host lighting fixture in order to complete the installation of this upgrade kit, then make sure that open holes are closed-off utilizing the existing host lighting fixture hardware (i.e screws, covers, etc.)

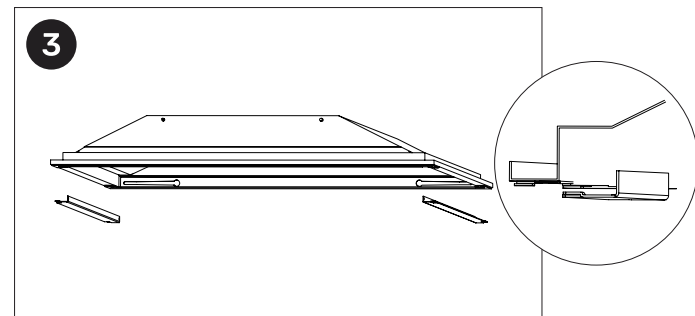


INSTALLATION OF RETROFIT KIT

- Step 1.** Install the assembly brackets to fit in the existing fixture by using the (4) #8 1/2 screw. Make sure to secure the assembly bracket flat on the grid. **See Figure 2.**

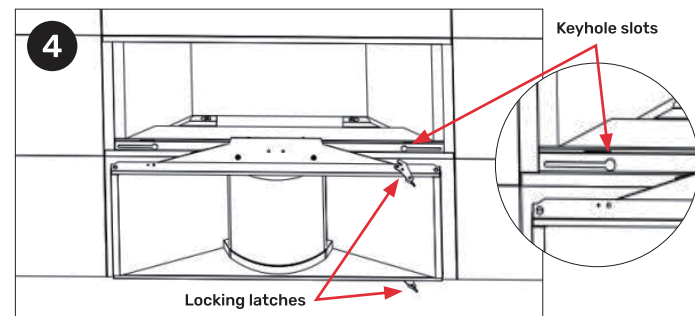


- Step 2.** If there is a gap between the fixture and T-grid, add optional trim brackets. Push up existing troffer housing and slide the trim brackets into place between existing fixture and T-grid. **See Figure 3.**



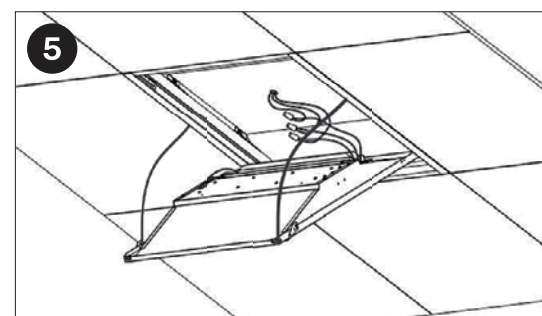
- Step 3.** Place the door assembly body onto the keyholes of the end brackets and slide it horizontally to the end of the slots. **See Figure 4.**

- Step 4.** Attach (2) safety cables to existing troffer housing using washer head M4 screws provided in hardware bag. **See Figure 5.**



- Step 5.** Wire fixture per the provided Wiring Diagram in this manual and tuck all leads into the back of the existing fixture housing. Ensure that no leads are pinched. **See Figure 5.**

- Step 6.** Secure the door assembly by gently swinging the door up into the other side of the fixture and then locking in place with the locking latches riveted on each end of the assembly door frame. **See Figure 4.**



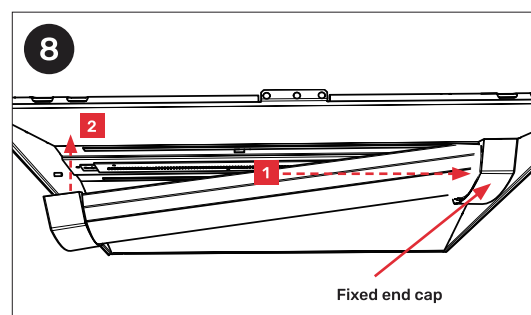
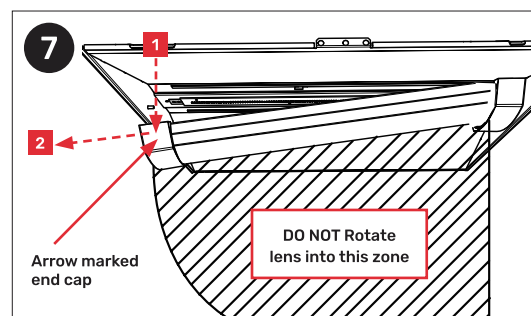
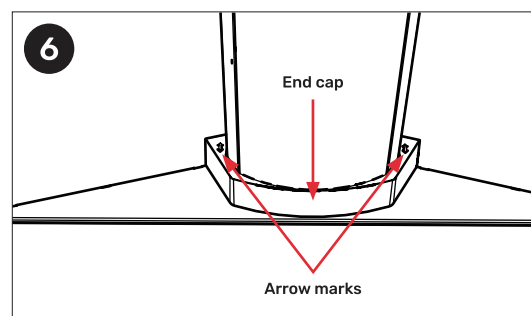
INSTALLATION OF RETROFIT KIT

Step 1. Locate the end cap with the arrow marks on it, indicating that the end cap is removable. **See Figure 6.**

Step 2. Squeeze the middle of the lens while grabbing the lens section next to the end cap and pull lens and end cap together downward gently until end cap just clears luminaire (about 3" to 4" from original position). **See Figure 7.**

Step 3. Disengage the other end of the lens from the other end cap. Once lens is removed, perform cleaning. **See Figure 7.**

Step 4. After cleaning is complete, insert lens back into fixed end cap. Push the removable end cap upward into the housing and using a gentle rocking motion engage the end cap to retention clip. Check removable end cap for any visible gap between the end cap and end panel. If necessary push end cap against the end panel to eliminate gaps. In 1'X 4' and 2'X 4' products make sure lens is snapped under lens retention clips in middle of housing. **See Figure 8.**



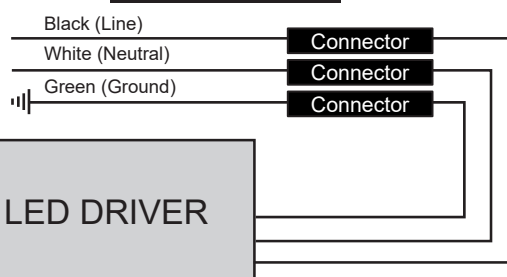
WIRING DIAGRAM

CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Electrical Connection

Connect BLACK (line) driver lead to voltage supply Line position (HOT).
Connect driver WHITE lead to the NEUTRAL supply position.
Connect the GREEN ground lead to the supply ground lead.

Wiring Diagram



CAUTION

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The distance between user and products should be no less than 20cm. Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
- 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.