

ZR Series

Architectural Troffers

1x4, 2x2 and 2x4 Luminaires

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

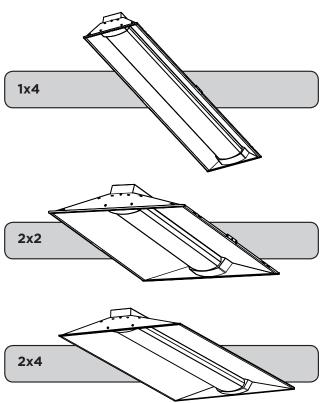
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- To avoid the possibility of electrical shock, turn off power supply before installation or servicing.
- Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
- Do not handle energized module with wet hands or when standing on wet or damp surfaces, or in water
- 4. Suitable for Damp Locations.
- Access above ceiling required. Do not install insulation within 3"(76mm) of any part of the luminaire. Suitable for suspended ceilings.

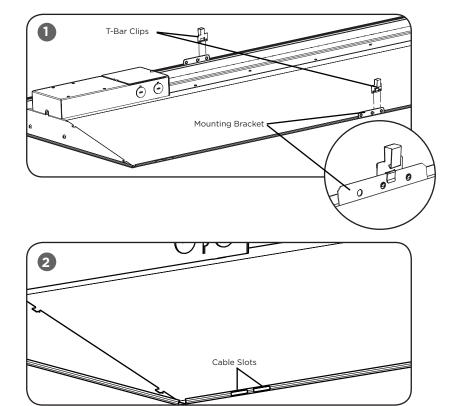
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

- The ZR Series of recessed troffers is for non-insulated ceiling applications using T-Bar ceiling grid, drywall grid adaptors, and suspended mount.
- Designed for use in 120-277V 50-60 Hertz protected circuit (fuse box, circuit breaker). Supply wire sized as per NEC or governing code(s), 90C rated.

INSTALLATION INSTRUCTIONS



TO INSTALL:



T- BAR CEILING MOUNTING

STEP 1:

Install the (2) supplied T-Bar clips onto the mounting bracket on the outside of the housing. See **Figure 1.**

STEP 2:

Bring the ZR troffer into the T-Bar Ceiling panel and attach the clips on the housing onto the T-Bar.

SUSPENDED MOUNTING

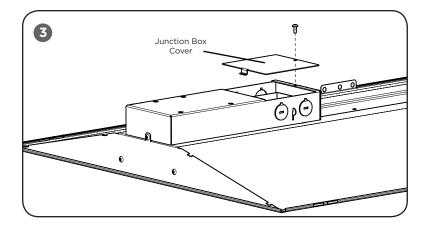
STEP 1:

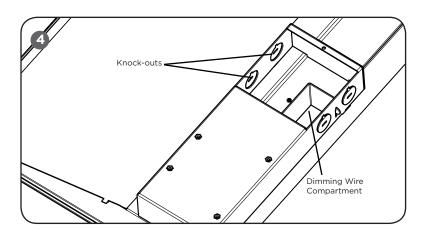
Attach customer supplied cables to the (2) cable slots on each corner of the housing. See **Figure 2**.

STEP 2:

Attach customer supplied cables to mounting surface using customer supplied hardware. Ensuring that mounting surface can support the luminaire.

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0 - 10V DIMMING OPTION

STEP 1:

Remove the cover of the junction box and bring in appropriate power supply to the junction box using one of the knock-outs. See

Figure 3 and 4.

STEP 2:

Bring dimming conduit into dimming wire compartment using the knock-out. See **Figure 4**.

STEP 3:

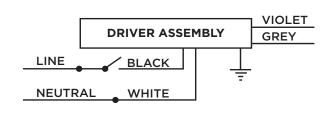
Wire luminaire per **"Electrical Connections"** section and push all leads into the junction box. Reattach junction box cover that was removed in Step 1, make sure no wires are pinched.

ELECTRICAL CONNECTIONS

STEP 1:

Make the following Electrical Connections:

- Connect the black fixture lead to the voltage supply Line position, Hot.
- b. Connect the white fixture lead to the neutral supply position.
- c. Connect the green or green/yellow ground lead to the supply ground lead.
- d. If 0/1-10v Dimming is used, connect the violet lead to the supply positive dimming lead.
- e. If 0/1-10v Dimming is used, connect the gray lead to the supply negative dimming lead.



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