

IMMERSION™

LED Display Lighting

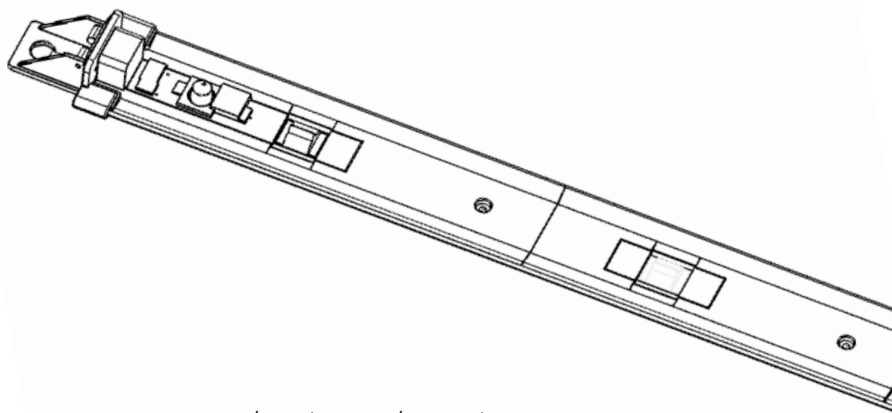
Refrigerated Vertical Cases
RV40 Series

Center Mullion LED Lights

60-inch: GELT406035CTR-SY/-SB (79753/79756), GELT406040CTR-SY/-SB (79747/79750) & GELT406050CTR-SY/-SB (79741/79744)

70-inch: GELT407035CTR-SY/-SB (79771/79774), GELT407040CTR-SY/-SB (79765/79768), GELT407050CTR-SY/-SB (79759/79762)

Description Code (Single Unit Product Number / 10-Pack Product Number)



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING / AVERTISSEMENT

Risk of electrical shock. Disconnect power before servicing or installing product. / **Risque de choc électrique.** Couper l'alimentation avant le dépannage ou avant l'installation du produit.

⚠ CAUTION / ATTENTION

Risk of injury. While performing installations described, gloves, safety glasses or goggles should be worn. / **Risque de blessure.** Lors de l'exécution des installations décrites, des gants, des lunettes de sécurité ou des lunettes de protection doivent être portées.

PREPARE ELECTRICAL WIRING



Electrical Requirements

- The power supply must be supplied with 100-240 VAC, 50/60 Hz and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker or time delay fuse.
- Wiring must be 2 wire with ground and rated for 75°C (176°F).

- A. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- B. Before servicing or cleaning unit, switch power off at the service panel and follow appropriate lock out / tag out safety procedures.

FOR YOUR SAFETY

Read and observe all CAUTIONS and WARNINGS shown throughout these instructions.

- Installation to be performed by factory trained service personnel only.
- For use inside a commercial refrigeration case with packaged foods only.

LED DRIVER COMPATIBILITY

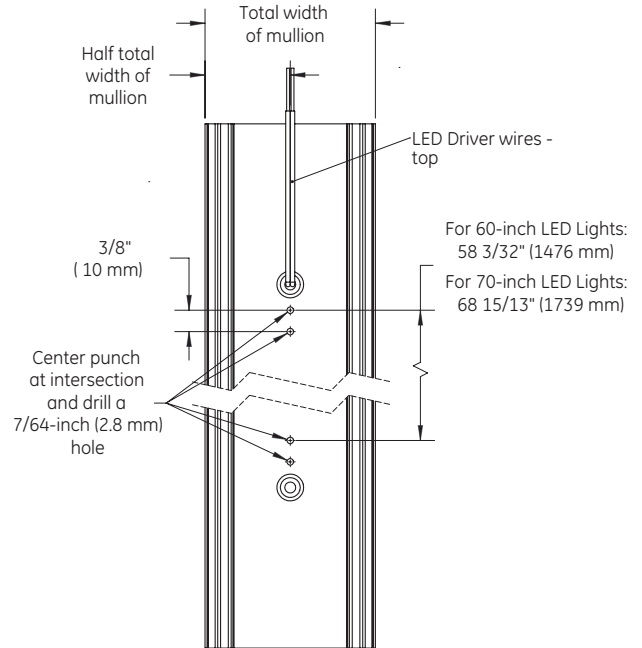
This system is compatible with the **GEPS4000NCMUL-SY or GEPS4001NCMUL-SY LED Driver**. Please refer to the separate LED driver installation guide for appropriate wiring connections.



imagination at work

1 Prepare for Installation of Center LED Lights

- Measure the total width of the mullion, and mark a vertical line half the total width near the top and bottom of the mullion.
- Prepare for the upper end of the Center LED Light. Mark a horizontal line a minimum 2 1/8-inches (54 mm) from the top of the mullion, and another horizontal line 3/8-inch (10 mm) below this line.
- Prepare for the lower end of the Center LED Light. For 60-inch LED Lights, mark a horizontal line 58 3/32-inches (1476 mm) beneath the first line drawn for the top Mounting Tab. For 70-inch LED Lights, mark a horizontal line 68 15/13" (1739 mm) beneath the first line drawn for the top Mounting Tab.
- Center the center punch directly at the intersection of the horizontal lines and the vertical line (top and bottom) and establish a dimple.
- Use power drill and 7/64-inch (2.8 mm) drill bit to drill holes at the intersection of the vertical center line and the horizontal lines.

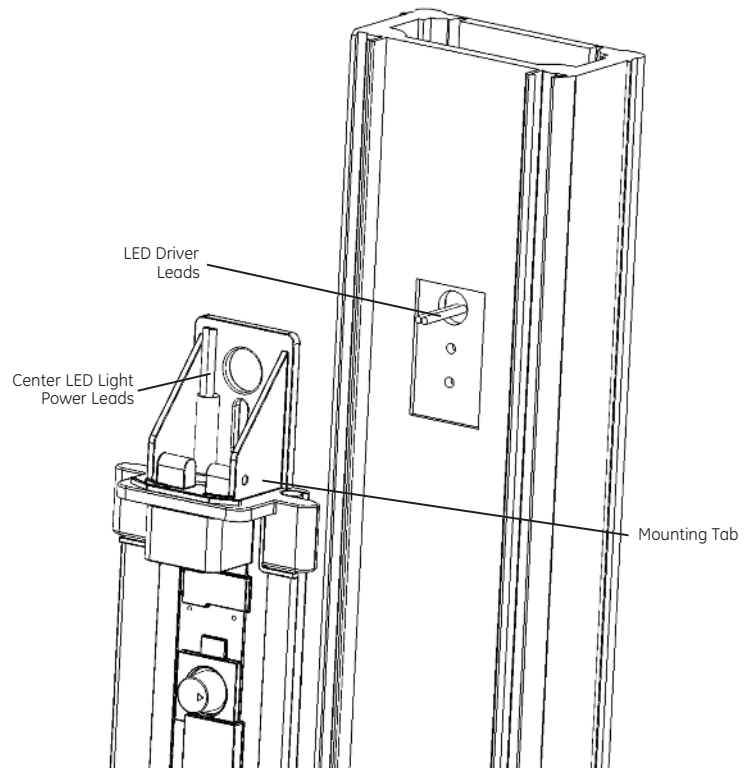


⚠ CAUTION / ATTENTION

Risk of damage to unit. Prior to drilling make sure that there are no existing components inside the mullion in the areas marked off for the designated holes. / **Risque d'endommager l'unité.** Avant de percer, faire en sorte qu'il n'y ait pas de composantes dans la cloison dans les zones délimitées et identifiées pour le perçage.

2 Install Center LED Lights

- Place a Center LED Light against the face of the mullion near the two holes drilled at the top.
- Insert a #6-32 x 1/2-inch sheet metal screw into the top slot of the Mounting Tab on the Center LED Light and into the first hole that was drilled in the center mullion.
- Use a screwdriver to start threading the screw into the drilled hole.
- Repeat for the second screw, and for the lower end of the Center LED Light.



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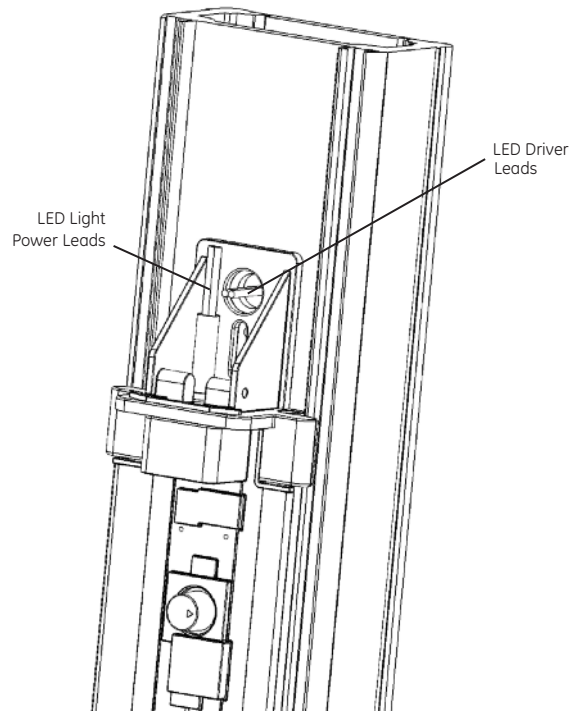
Electrical Connections

- Connect LED Light to the **GEPS4000NCMUL-SY** or **GEPS4001NCMUL-SY LED Driver**

NOTE: Please refer to the **GEPS4000NCMUL-SY** or **GEPS4001NCMUL-SY LED Driver Installation Guide** for the different LED Light Wiring Configurations.)

- Connect the black wire from the Center LED Light to an 18 AWG (0.823 mm²) wire from the LED Driver. Connect the remaining red wire from the Center LED Light to another 18 AWG (0.823 mm²) wire from the LED Driver. Use a tap type connector (Grainger part # 1A074 T-Tap Connector) or other approved connector for low temperature usage and 18 AWG (0.823 mm²) wire.

NOTE: Black and red wires from LED Light are NOT polarity sensitive.



⚠ WARNING / AVERTISSEMENT

Risk of fire, electrical shock or injury. Ensure that all connection points are sealed for damp location using the appropriate method per the NEC or local electrical code. / **Risque d'incendie, d'électrocution ou de blessure.** Veiller à ce que tout les branchements soient protégés ou scellés contre les emplacements humides en utilisant la méthode appropriée selon le NEC ou le code électrique local.

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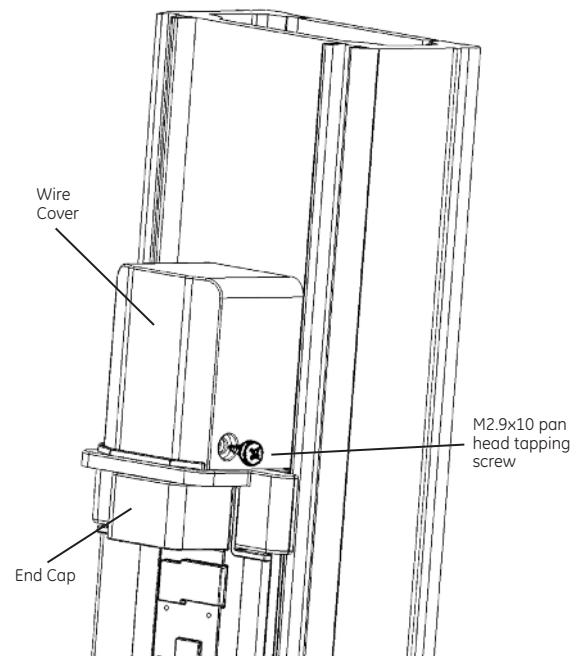
Attach Covers to End Cap

- Tuck wires underneath Wire Cover before installing it onto the End Cap.
- Attach Wire Cover to LED Light End Cap by inserting a M2.9x10 pan head tapping screw (provided) through the holes in Covers and Mounting Tabs using an installation torque of 3 lbf-in.

NOTE: Tighten slowly until fully seated, do not over tighten or strip the threads.

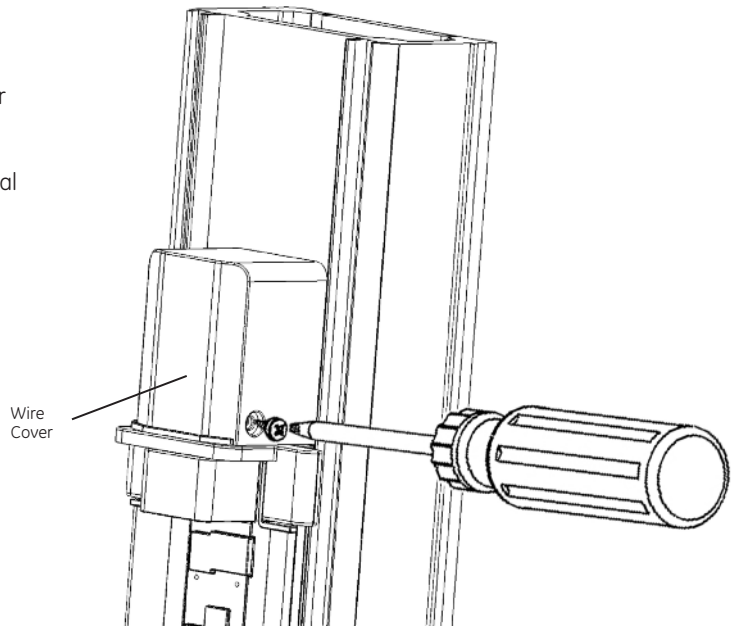
⚠ CAUTION / ATTENTION

Risk of electrical shock. Plastic cover is needed to protect electrical wires from tampering and accidental contact. / **Risque de choc électrique.** Le couvercle en plastique est requis pour assurer une protection adéquate contre l'accès aux fils et les contacts accidentels.



5 Removal Instructions

- Using a phillips screwdriver, remove screws and Wire Cover from top of LED Light and screws from the opposite end.
- Electrical connections can be removed to facilitate the removal of the Center LED Light from the refrigerated case.
- Remove the #6-32 x 1/2 inch sheet metal screws that hold the LED Light to the mullion. Make sure you support the Center LED Light with your free hand.



6 LED Refrigerated Display Lights – Cleaning Instructions

- The outer lens and the plastic housing should be cleaned periodically with a mild liquid dish detergent.
- Do not use chemical cleaners to clean the lens.
- Keep the outside clean. Wipe with a clean cloth lightly dampened with mild liquid dish detergent. Dry with a clean, soft cloth.
- Do not wipe the lens with a soiled dish cloth or wet towel. These may leave a residue that can damage the finish.
- Do not use scouring pads, powdered cleaners, bleach or cleaners containing bleach because these products can scratch and damage the finish.



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