

LED Refrigerated Display Light

(GE-LT106065CTR-SY)



Installation Instructions Center Mullion Systems

Hussmann RL Low Temperature Reach In Case



BEFORE YOU BEGIN

Read these instructions completely and carefully.



WARNING: TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY, OBSERVE THE FOLLOWING:

- Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- 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. While performing installations described, gloves, safety glasses or goggles should be worn.



PREPARE ELECTRICAL WIRING

Electrical Requirements

- This appliance must be supplied with 120V, 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).

Grounding Instructions—Cable Direct

This lighting system must be connected to a grounded metal, permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and be connected to the equipment grounding terminal or lead on the lighting fixture.

Kit Contents



LED Light Fixture (1)



End Cover (2)

Tools Needed



Wire Nuts

Wire Cutters



Gloves



Strain relief

Standard



5/16" Nut Driver



12 Gauge Wire



Pliers



Tap Connector



Safety Glasses



Wire Stripper

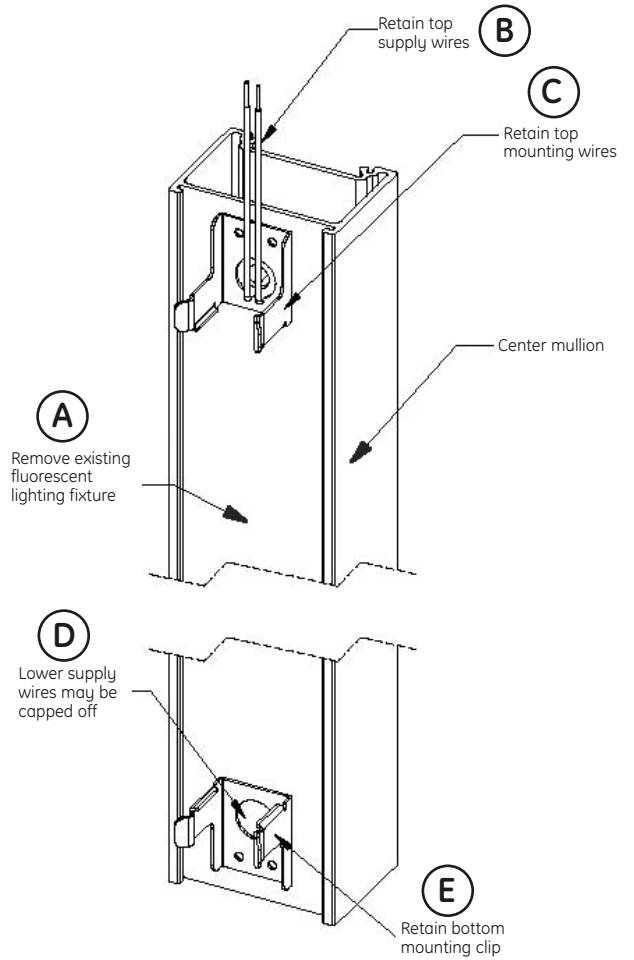


1 Remove Existing Fluorescent Lighting

- Remove lens and fluorescent tube (A)
Note: Refer to case manufacturers instructions for any questions on removing the fluorescent lighting system.



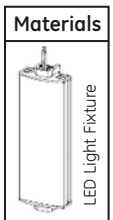
- Remove fluorescent connector, leave existing wires. (B)
- Leave existing mounting clip attached to mullion. (C)
- Clip and remove the lower supply wires, capping off exposed wires. (D)
- Leave existing mounting clip attached to mullion. (E)



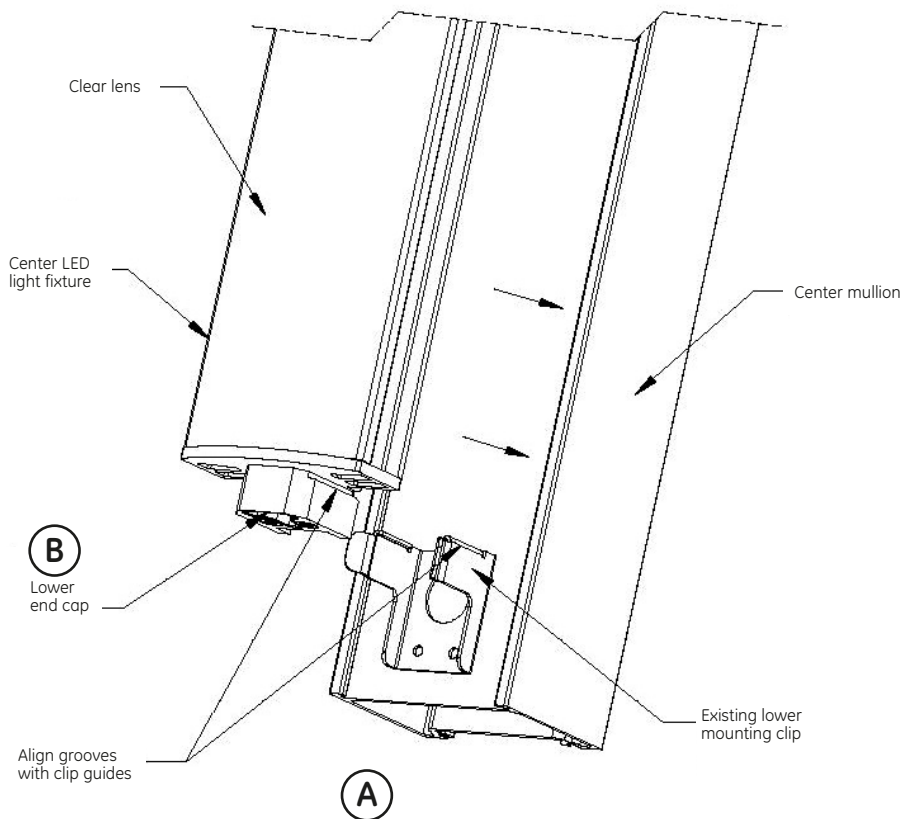
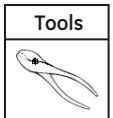
! Turn off power to the lighting system before removing any lens covers or fluorescent lamps.

! Follow all Federal and Local guidelines when disposing or storing of the fluorescent tubes.

2 Install Bottom of LED Fixture

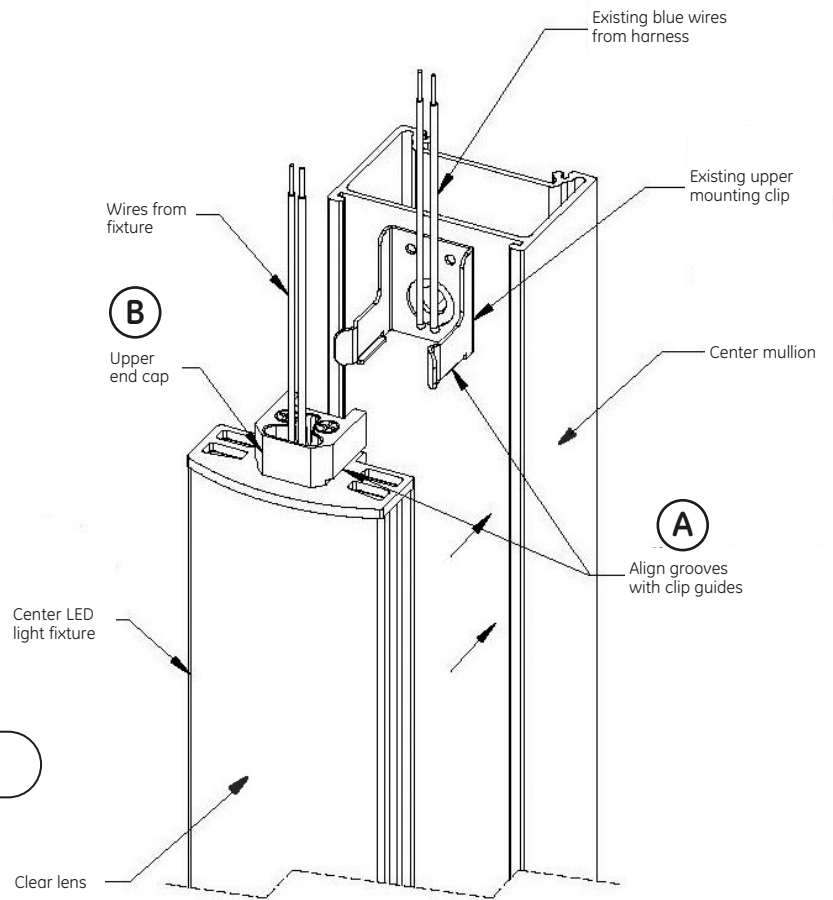
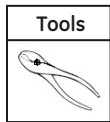


- Align lower end cap grooves with mounting clip. (A)
- Firmly press in, to engage mounting clips. (B)



3 Install Top of LED Fixture

- Align upper end cap grooves with mounting clip. (A)
- Firmly press in, to engage mounting clips. (B)



TIP Apply slight upward or downward force to aide in the alignment of the clip to the LED end cap

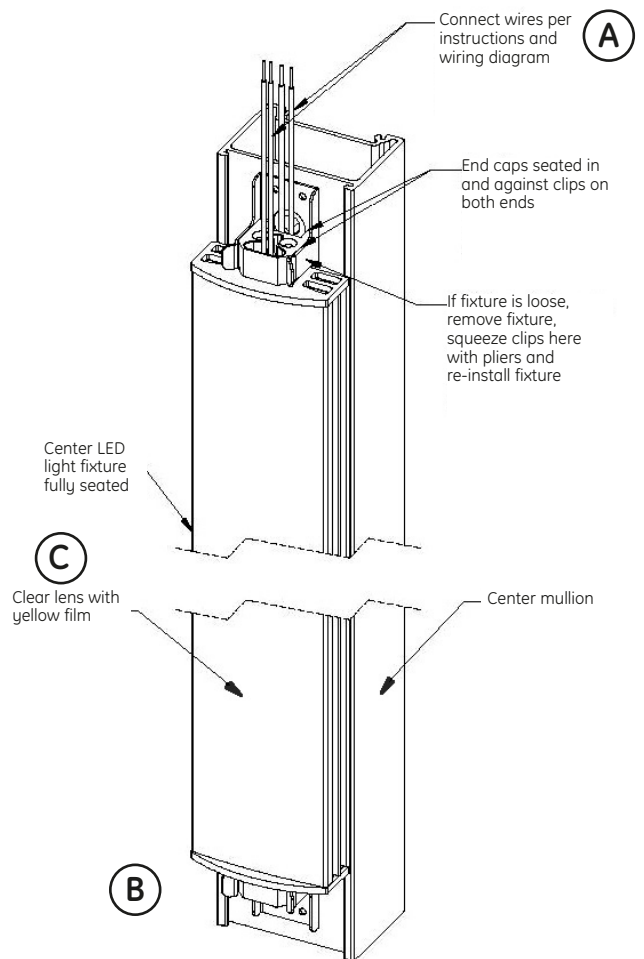
4 Connect Wiring to LED Fixture



- Connect one wire from the LED light fixture to either of the two blue wires protruding from the mullion frame using a tap type connector (Grainger part # 4YT73 Connector, 3M Part 558 Box) or other approved connector for low temperature usage and 18 AWG wire. Repeat for second wire. (A)



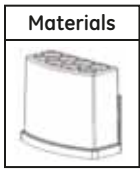
- Cap off the two red wires protruding from the lower portion of the mullion frame, these wires will NOT be used in this installation. (B)
- Remove protective, yellow film from lens. (C)



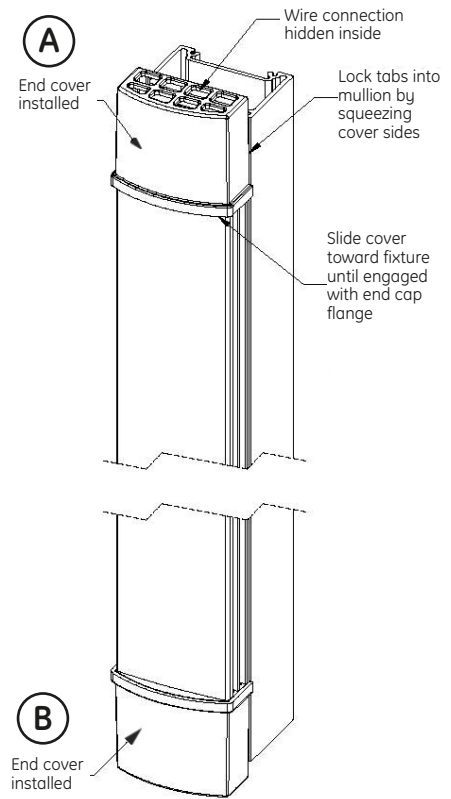
! Ensure that all connection points are sealed for damp location using the appropriate method per the NEC or local electrical code.

5

Attach Covers to Mullion



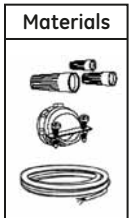
- Attach top end cover by squeezing in on the cover legs and inserting into the mullion frame. Cover should have a tight fit into the mullions frame. (A)
- Slide cover towards LED light fixture until it engages with the end cap flange.
- Repeat for bottom cover. (B)



! Plastic cover is needed to isolate electrical connections from tampering and accidental contact.

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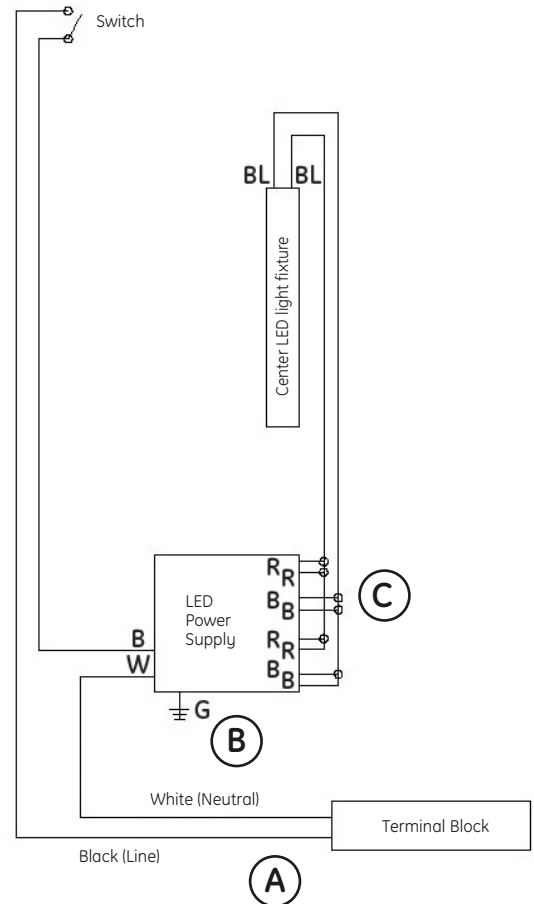
Connect Power Supply



- Remove and dispose of fluorescent ballast, per any Local or Federal guidelines.
- Place LED power supply in general location of previous ballast for ease of wire connection.
- Connect the original load and neutral wires to the LED power supply input wires using wire nuts or other damp location approved connection method. (A)
- Properly ground the LED power supply using the green wire to a ground point in the case. (B)
- Clip off the optional 8 pin connector on the output side of the LED power supply.
- Group and connect the LED power supply output wires, using wire nuts or other approved connector for low temperature usage and 18 AWG wire, to the blue wires going to the center LED light fixture. (C)

! Ensure that all connection points are sealed for damp location using the appropriate method per the NEC or local electrical code.

STOP Do not operate lights without the case refrigerated.



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