Light CoveWTC 1 Light Cove

Installation Instructions



PART 1 - STORAGE AND HANDLING

- 1. After receiving materials, transfer material immediately to a safe, dry, climate-controlled place where it will not be damaged during storage.
 - a. Do not store Gordon, Inc. product or components outdoors.
 - b. Store Crates and / or Cartons flat in a dry location away from activity.
 - c. Do not store near corrosive material such as acids, salt, fertilizer, etc.
 - d. All materials should be protected during site storage to prevent damage to the finished work from other trades.
 - e. Store materials inside a well-insulated area, away from concrete and masonry and protected from the weather, moisture, soiling, abrasion, extreme temperatures and humidity.
 - f. Protect the strippable protective covering on metal panels from exposure to sunlight, heat, and high humidity.
 - g. Store product in Gordon's unopened packaging until installation of product.
 - h. Prevent contact with material that may cause discoloration, staining, or corrosion.
 - i. Store in flat, fully supported position.
 - j. Store to prevent twisting, bending, abrasion, scratching, and denting.
 - k. Do not drop or stand containers on edges or corners.
 - Gordon, Inc. components and systems are not packaged to receive the load of any other material stored or stacked upon it. Therefore, DO NOT DOUBLE STACK OR STORE OTHER MATERIAL on top of the packages or crates.
- 2. Inspect all material prior to installation. <u>Do not install any substandard or unacceptable material</u>. Gordon, Inc. will not be responsible for the cost of repair or removal, or costs resulting from removal of rejected material, or the installation of replacement material.
- 3. Material should be cleaned thoroughly prior to installation.

PART 2 - INSTALLATION

2.01 - APPLICABLE CODES AND STANDARDS FOR INSTALLATION

- 1. Project Specifications
- 2. Architect approved Shop Drawings

2.02 - SPECIAL TOOLS REQUIRED

If field cutting is required:

- Fine tooth saw with a blade recommended for cutting aluminum or metal.
- Wax stick or similar lubricant.
- Painters tape/masking applied tape to prevent scratches or damage to area of cut.

2.03 - Step 1:

The WTC 1 Light Cove comprises of two (2) each aluminum extrusions which are supplied in 10' lengths. Check to make sure you have the correct components.

Step 2:

If not already factory assembled, the two (2) extrusions are to be assembled together by rotating the top hinge-able extrusion into the bottom extrusion, as shown in Figure A. For a 10' long part, two people may be required to properly insert and rotate the extrusions together.

Step 3:

If not already installed in the factory, ensure the Magnetic Strips are located so as to not cause interference with the closure of the Top Extrusion to the Bottom Extrusion. For ease of Magnetic Strip installation, it is recommended that you keep the two (2) sides of the Magnetic Strips attached to each other and position the set to the Upper Extrusion (near the front edge) using the adhesive side of the upper Magnetic Strip. Once set, remove the tape from the adhesive on the lower Magnetic Strip and then close the Top Extrusion tightly to the Bottom Extrusion to adhere the magnet to the Bottom Extrusion.

Step 4:

The assembled parts are to be held in the "Closed Position" (see Figure A), while installing into drywall.

Step 5:

Once the assembled WTC 1 Light Cove is positioned onto the drywall, the Bottom Extrusion should be screw attached through the drywall and into 3/4" plywood backer using drywall or wood screws at a maximum of 24" on center.

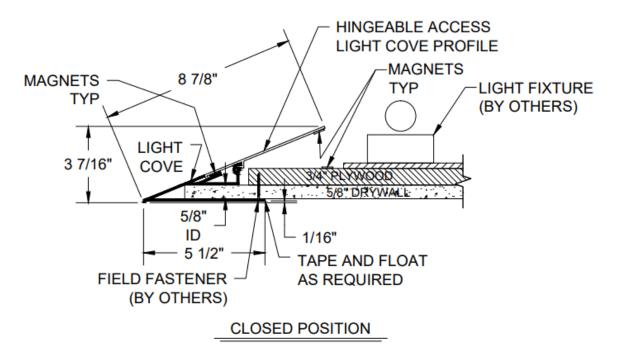
Step 6:

It is recommended that a 3" wide fiberglass mesh tape be used along with the drywall compound in floating out the Drywall Tape Flange. This compound should extend up to the front / nose of the Extrusion where there is a noticeable step in the Extrusion. Should you need them, factory welded 90-degree inside and outside corners are available.

Step 7:

Once the WTC 1 Light Cove is installed, Magnetic Strips may be used between the Top Extrusion and the plywood to hold the WTC 1 Light Cove in the "Open Position" when conducting maintenance with the light fixture.

PART 3 – ILLUSTRATIONS



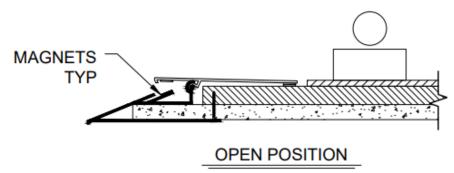


Figure A: Light Cove in the Closed and Open Positions



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