FORUM

Inverse Cove

Installation Guide

IND745

BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

RISK OF ELECTRIC SHOCK

- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG (0.75mm^2).

RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre á la terre le boîtier d'alimentation électrique.

RISQUES D' INCENDIE

- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG (0.75mm^2).

Save These Instructions

These instructions do not purport to cover all details or variations in components nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problem arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to GE Current, a Daintree company.

Current does not claim liability for any installation not performed according to this guide or not by a qualified electrician.

Prepare Electrical Wiring

Electrical Requirements

The LED luminaire must be connected to the mains supply according to its ratings on the product label.

Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance to local electric code of the country where the luminaire is installed.

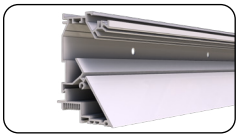
For Your Safety

- Installation to be performed by factory trained or qualified personnel. Ensure this manual is provided to the installers and users.
- Use this product only in the manner intended by the manufacturer. If there are any questions or concerns, contact the manufacturer.

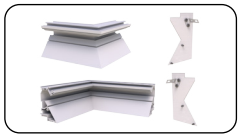
Included Parts & Hardware

Housing and geartrays are shipped and installed separate in order to protect gear trays. **Phase One** housing shipment will be followed by **Phase Two** gear trays and lenses.

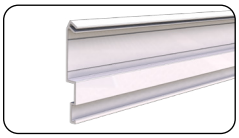
SHIPMENT ONE



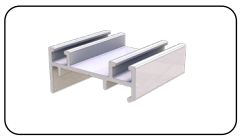
Housing -
Wall, Ceiling



End Cap & Corners -
Wall, Ceiling

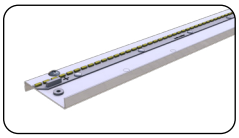


Bracket -
Wall

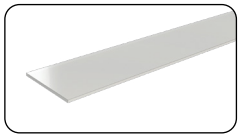


Bracket -
Ceiling

SHIPMENT TWO



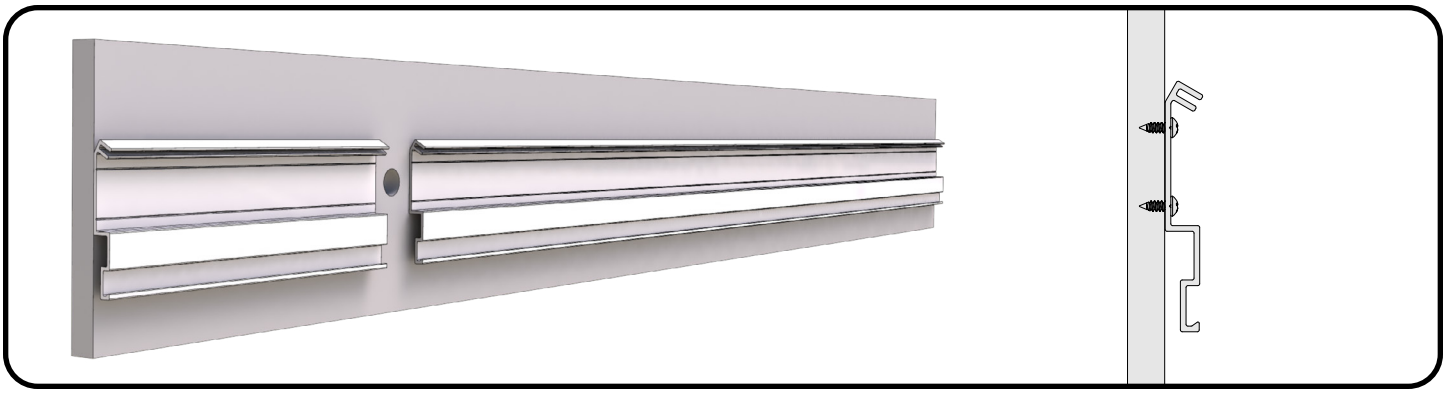
Geartray(s) -
Wall, Ceiling



Lens(es) -
Wall, Ceiling

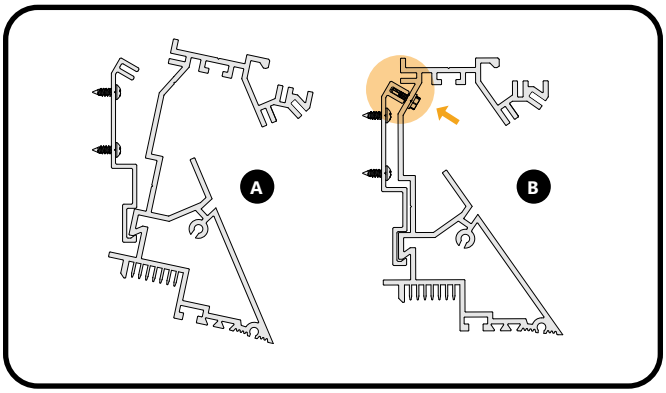
GE current
a Daintree company

Installation - Phase 1

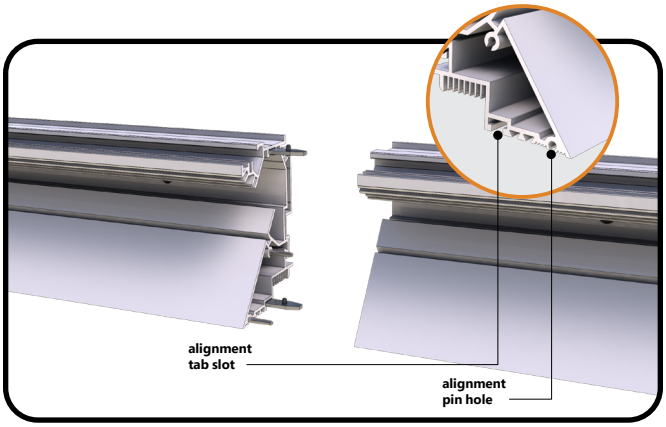


1. Measure from pre-drilled power feed holes in housing against power feed location in wall and cut down wall mount brackets accordingly. Calculate accurate power draw levels and provide adequate number of feed locations per building code.

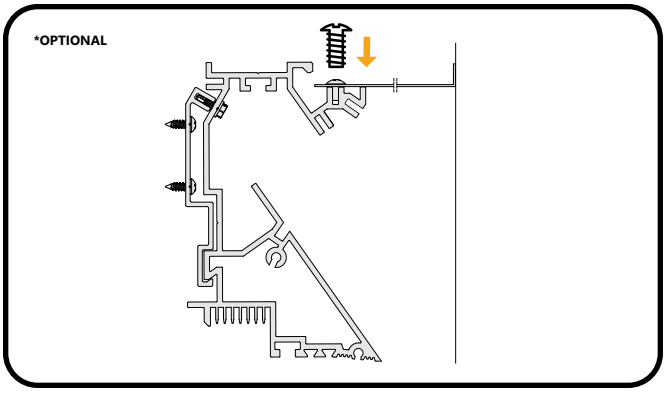
Drill mounting holes through wall mount bracket in provided screw guide and secure bracket to structure. Mounting hardware to be provided by installing contractor.



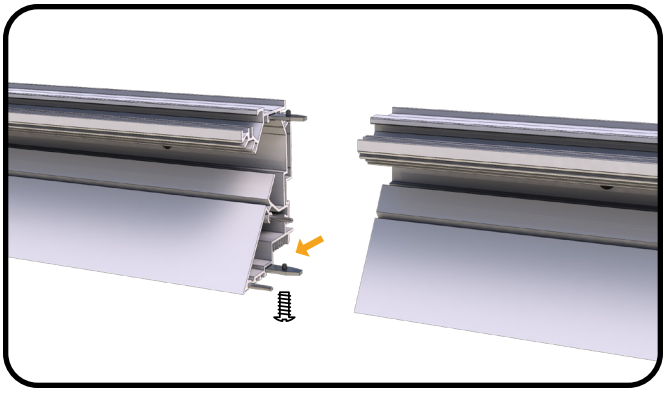
2. Tilt housing onto wall mount bracket **(A)**. Screw housing onto wall mount bracket using #8 type B self drilling screws **(B)**.



4. If installing continuous run/pattern installation: Use tapered alignment pins and tabs to secure the second length of housing to the first.

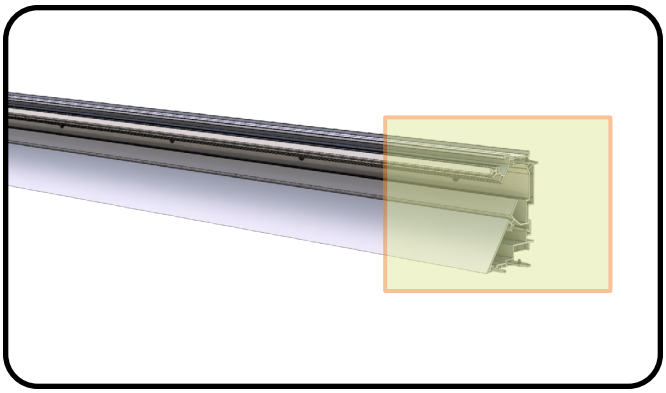


3. If optional infill panel has been specified, screw panel into housing using #8 type B hardware and apply construction adhesive across flange against the wall side.

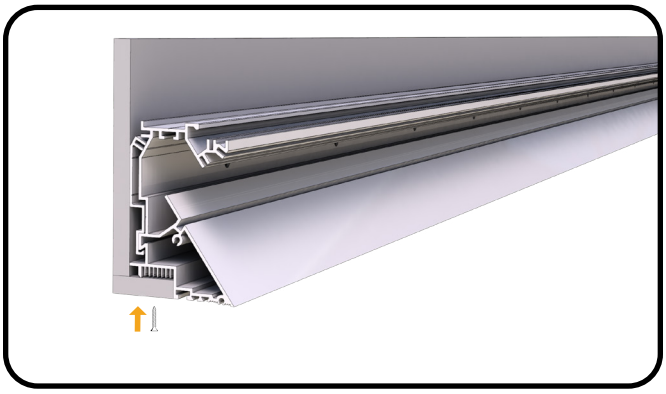


5. If installing continuous run/pattern installation: Once the two housing lengths are aligned and flush, use the included set screws to secure the alignment tabs in place. Repeat steps 3-4 to achieve the length of run you need, including end caps and corners.

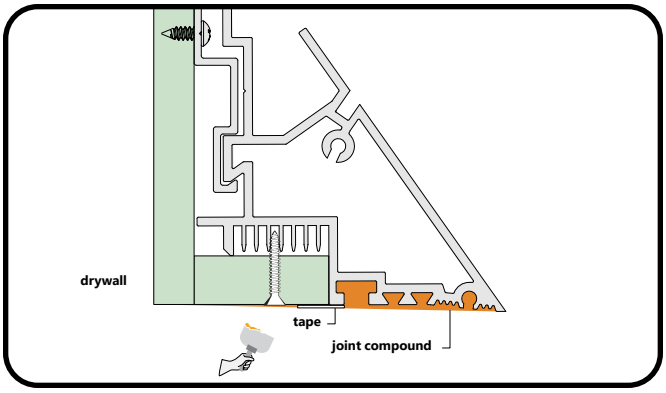
Installation - Phase 1



5b Extra 12" extrusion provided with every linear section. Field cut for precise fit.

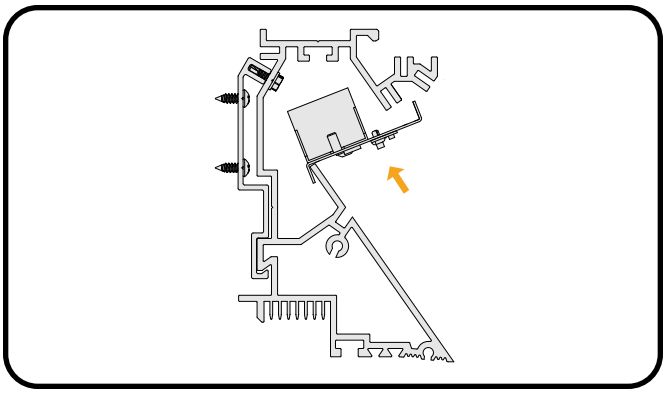


6 Secure entire length(s) of drywall to housing on the underside using 3/4" #6 sheetrock screws.

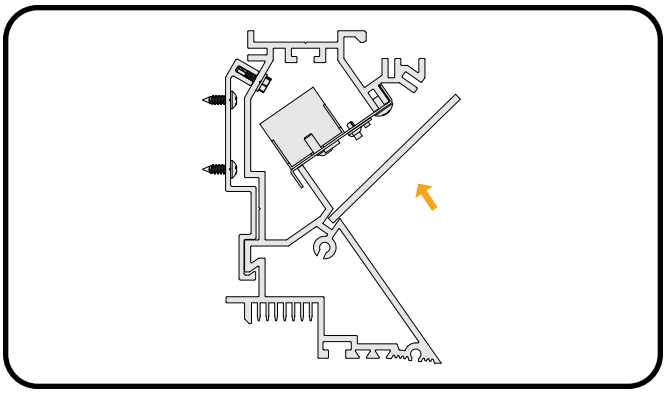


7 Apply tape and joint compound between ceiling and housing profile. Seams can be finished with acrylic caulk if necessary. paint for blended finish.

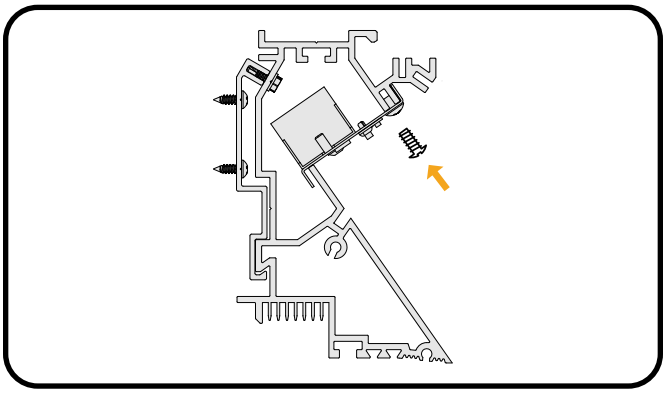
Installation - Phase 2



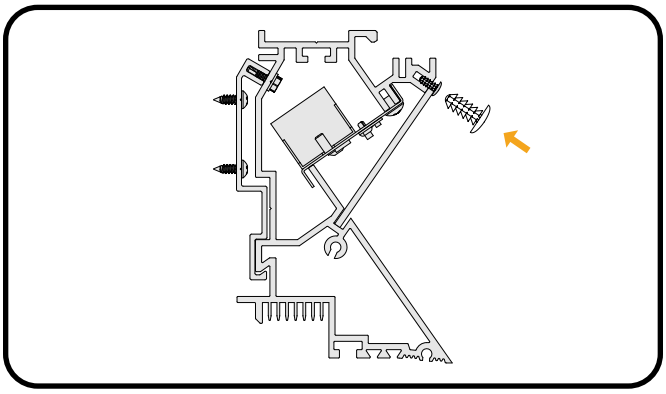
1. Tilt geartray up into housing cavity.



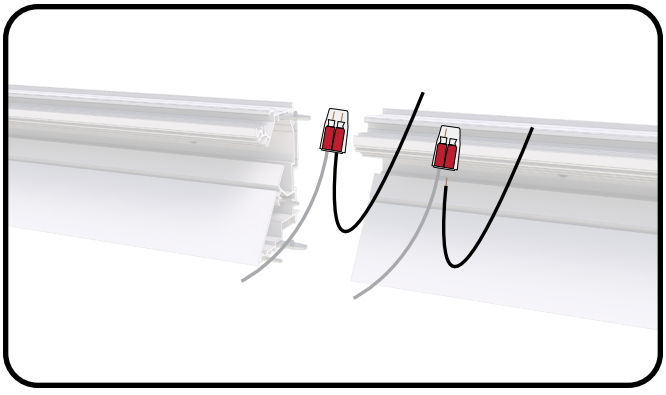
4. Tilt lens into groove in housing.



2. Use provided screws to affix geartray to housing.

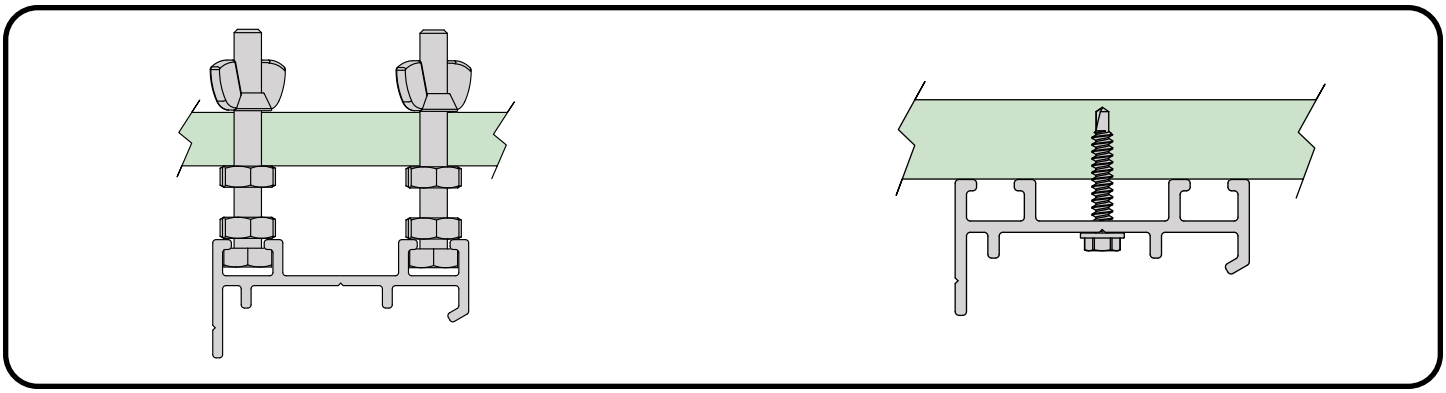


5. Secure lens in place using the provided push in fastener.



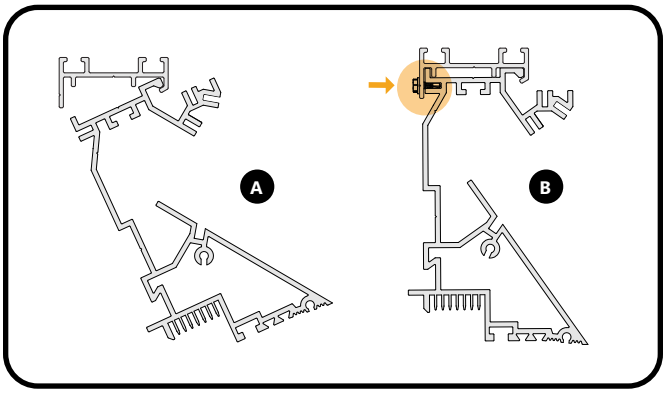
3. Repeat steps 1 and 2 for continuous run/pattern installation. Standard gear trays come wired with 18GA solid core wire and provided type B hardware.

Installation - Phase 1

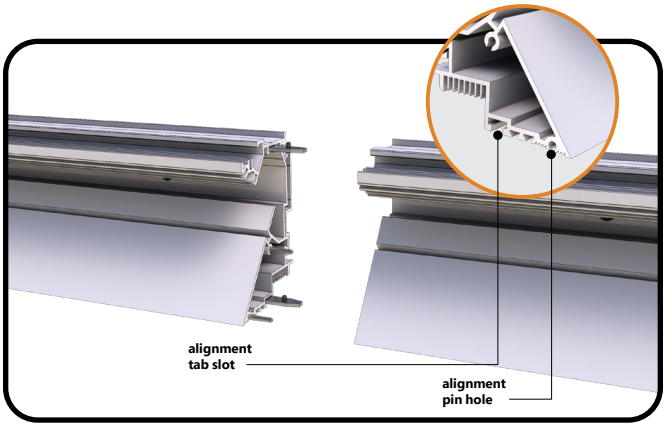


1 **Ceiling mount option A** - Ceiling mount brackets may be mounted using included 1/4"-20 hardware coupled to all-thread rod or through structural blocking. Mount brackets every 2-3 feet as needed.

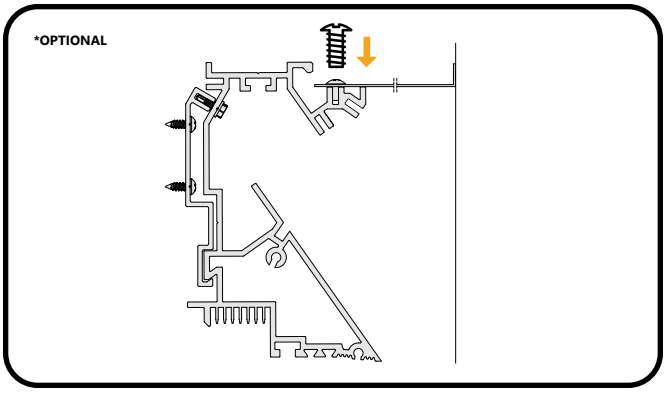
Ceiling mount option B - Pre-drill hardware clearance hole in mounting bracket and mount bracket directly to structural blocking. Mount brackets every 2-3 feet as needed. Hardware by installing contractor.



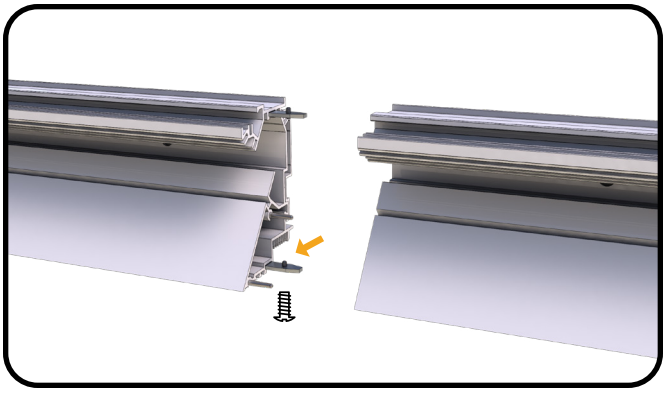
2 Tilt housing into ceiling mount bracket **(A)**. Screw housing onto ceiling mount bracket using included #8 type B self drilling screws **(B)**.



4 If installing continuous run/pattern installation: Use tapered alignment pins and tabs to secure the second length of housing to the first.

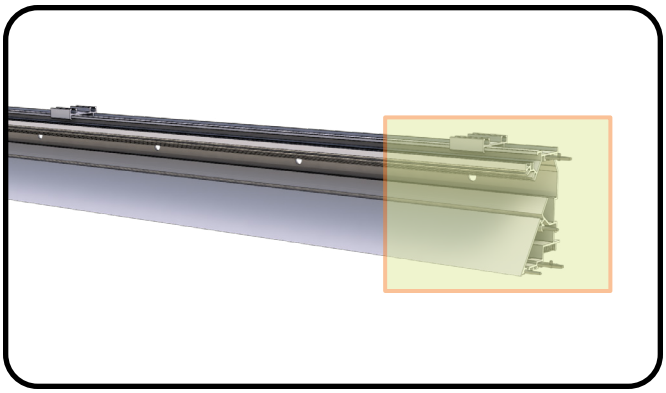


3 If optional infill panel has been specified, screw panel into housing using included #8 type B hardware and apply construction adhesive (not included) across flange against the wall side.

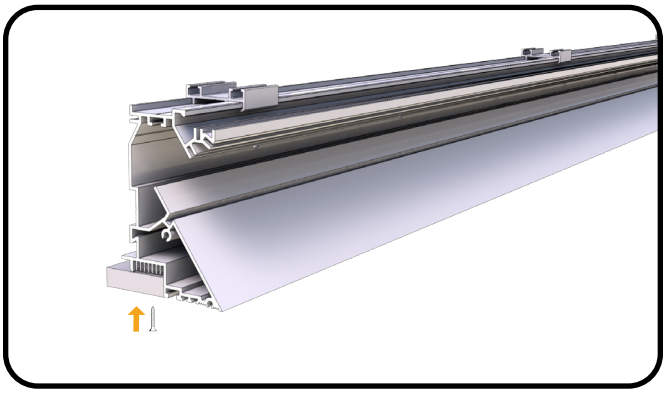


5 If installing continuous run/pattern installation: Once the two housing lengths are aligned and flush, use the included set screws to secure the alignment tabs in place. Repeat steps 3-4 to achieve the length of run you need, including end caps and corners.

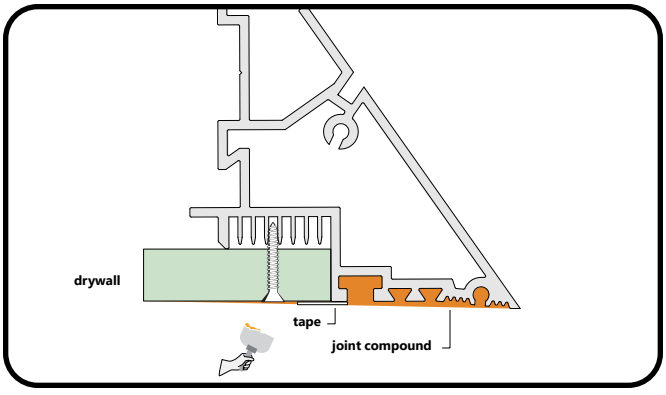
Installation - Phase 1



5b Extra 12" extrusion provided with every linear section. Field cut for precise fit

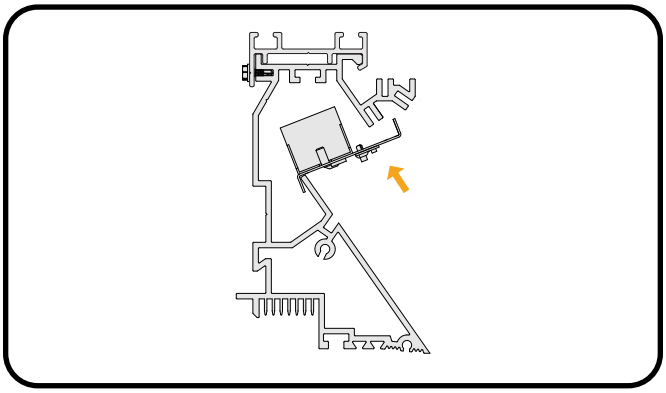


6 Secure entire length(s) of drywall to housing on the underside using 3/4" #6 sheetrock screws (not included).

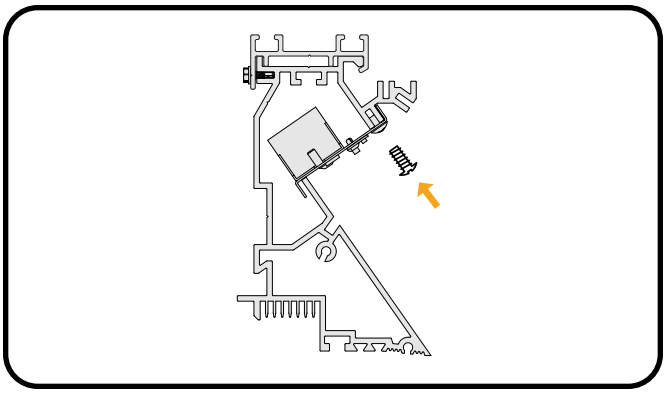


7 Apply tape and joint compound between ceiling and housing profile. Seams can be finished with acrylic caulk if necessary. paint for blended finish.

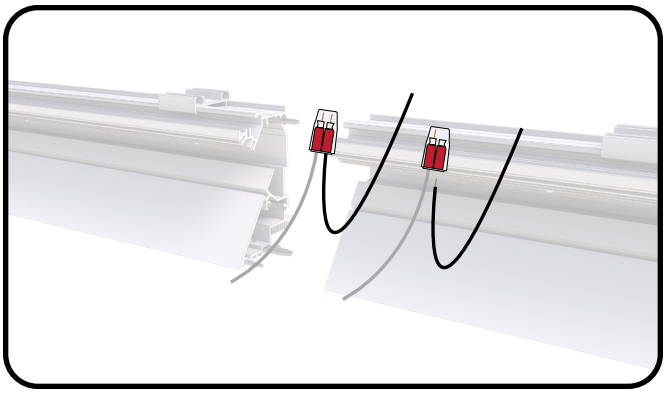
Installation - Phase 2



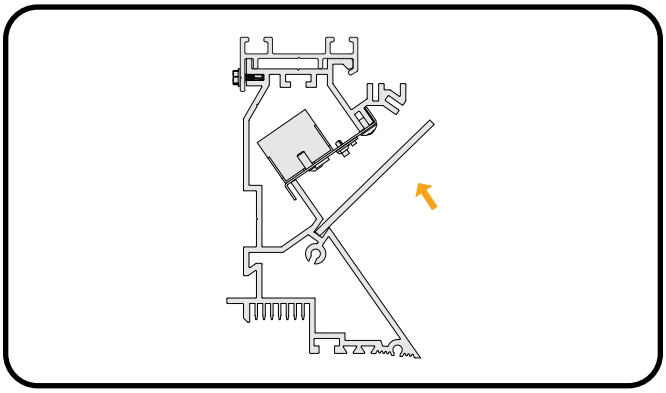
1. Tilt geartray up into housing cavity.



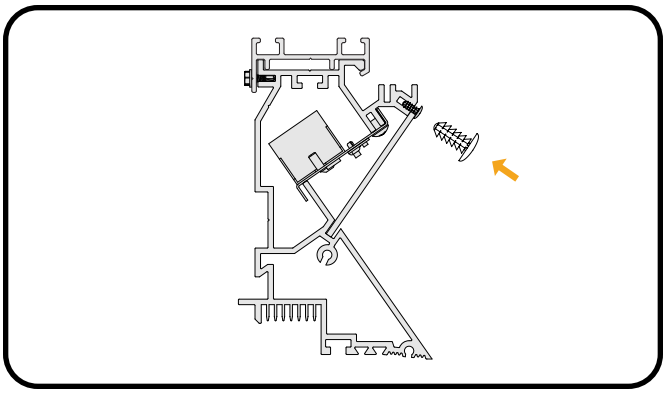
2. Use provided #8-32 screws to affix geartray to housing.



3. Repeat steps 1 and 2 for continuous run/pattern installation. Standard gear trays come wired with 18GA solid core wire and provided type B hardware.



4. Tilt lens into groove in housing.



5. Secure lens in place using the provided push in fastener.

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. CAN ICES-005 (A) / NMB-005 (A)

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

GE current
a Daintree company

www.gecurrent.com

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