



### 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<sup>2</sup>).

### RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à 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<sup>2</sup>).

## 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.



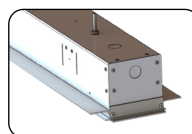
### Grounding Instructions

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.

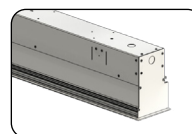
## For Your Safety

- 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.

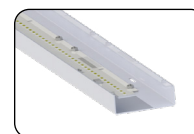
## Included Parts & Hardware



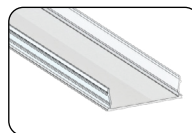
Housing(s) -  
Flange Free, F, FG/TG/  
BG Grid



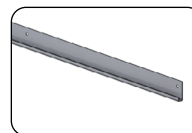
Housing(s) -  
Perimeter



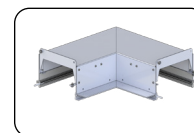
Geartray(s) -  
Flange Free, F, FG/TG/  
BG Grid, Perimeter



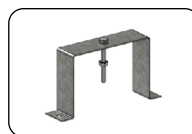
Lens(es)



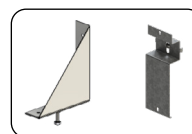
Wall Bracket-  
Perimeter



Corners (Optional) -  
Flange Free, F, FG/TG/  
BG Grid, Perimeter



Yoke(s) -  
F



F-Type Yoke or TG  
Clip - Perimeter

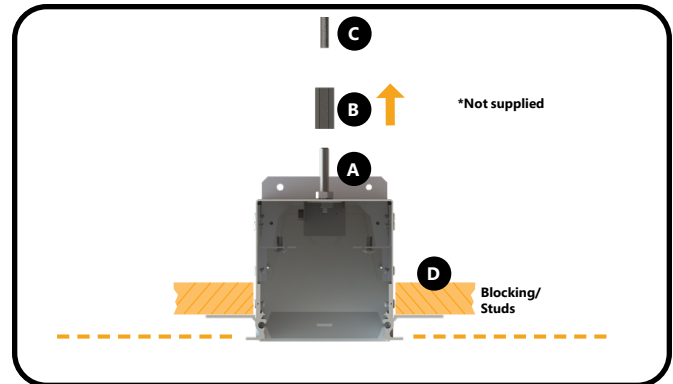


Grid Clips -  
FG/TG/BG Grid

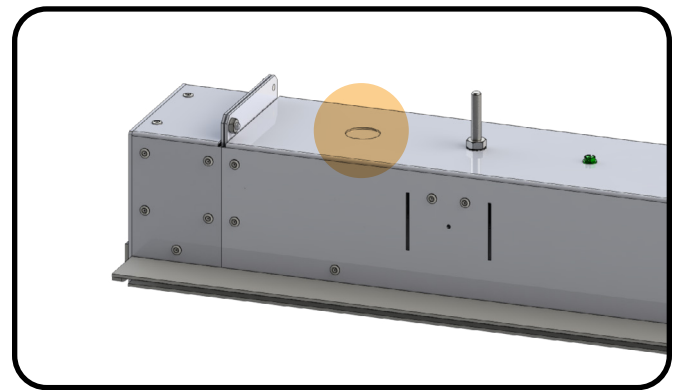
## Installation

### COMPONENTS FOR FF (FLANGE FREE) MOUNTING

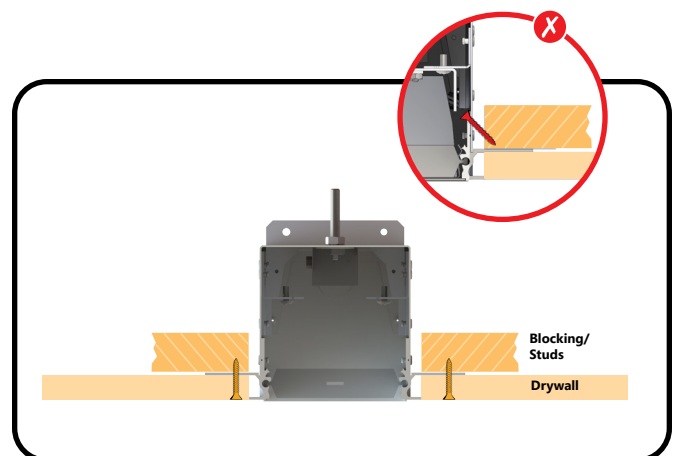
The Forecast (SRT) series mounting system consists of four main components: the housing (A), the geartray (B), the lens (C) and the spacer brackets (D) (see below). All items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly. In some cases, lenses ship separately.



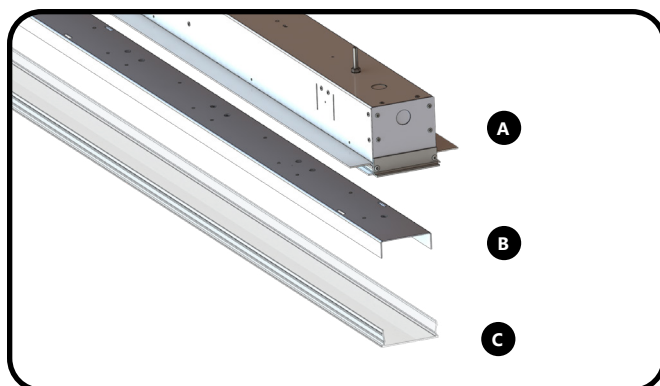
- ② Raise the fixture and connect the 1/4"-20 stud on the fixture (A) to 1/4"-20 rod\* from supporting structure (C) with a 1/4"-20 coupler\* (B), ensuring the fixture is level with framing (D). Secure as needed.



- ③ Connect wiring through standard 7/8" knockouts at either end of fixture.



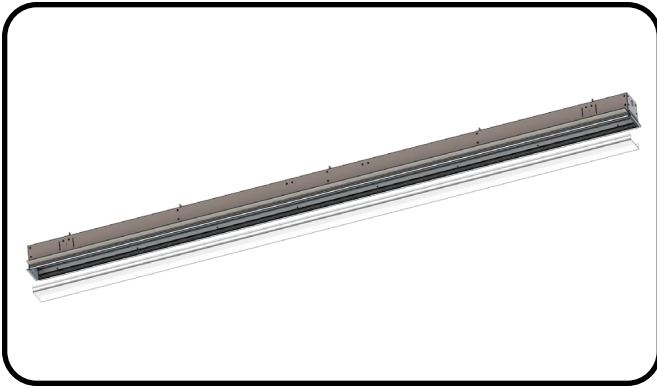
- ④ Attach the sheetrock to the fixture, fastening fixture by drilling screws through the flange into anchors or blocking. Make sure not to force the sheetrock or studs/blocking against the fixture housing sides as to distort the fixture opening.



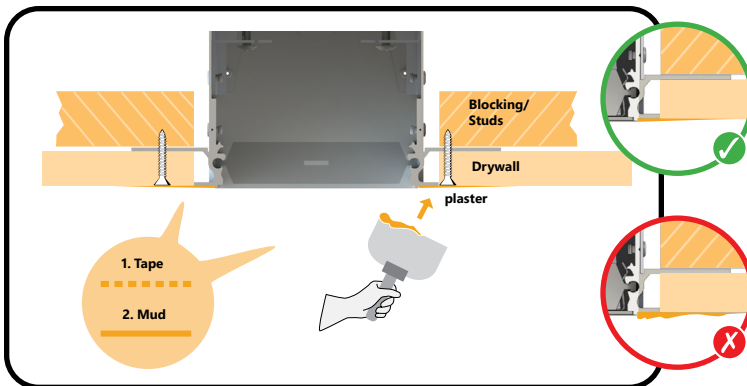
- ① In preparation of installation, remove the fixture from the package and separate the included components. Fixture will arrive with spacer brackets installed — these must be removed in order to separate the included components, but will need to be replaced prior to Step 2.

**The FF (Flange Free) fixture must be installed prior to drywall installation.**

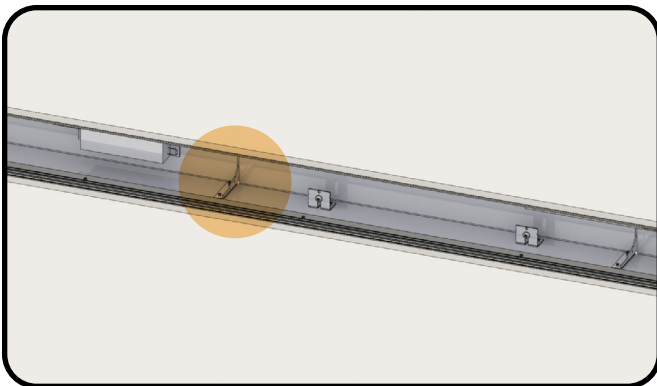
## Installation



- 5 Check the fit of the lens — if it appears bowed or loose, remove the screws on one side of the fixture, adjust the fixture so that it fits flat and snug, and then reinstall screws. Ensure the fit of the lens by temporarily reinstalling, but remove prior to plastering. Finally, remove spacer brackets prior to next step.



- 6 Unless a row installation is needed, plaster and sand over flange to create a smooth finish. Apply an even amount of plaster to conceal the trim of the housing. Do not allow any plaster to pass the housing edge.

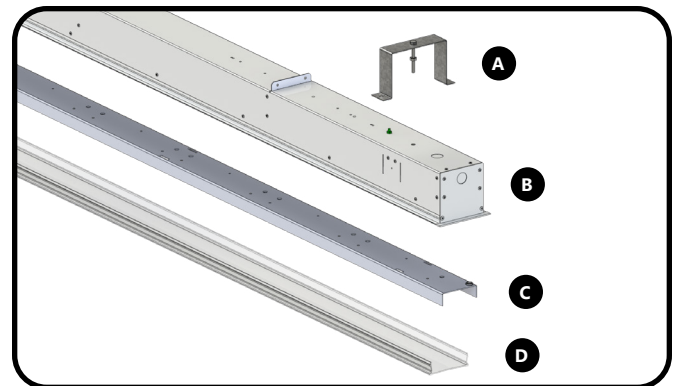
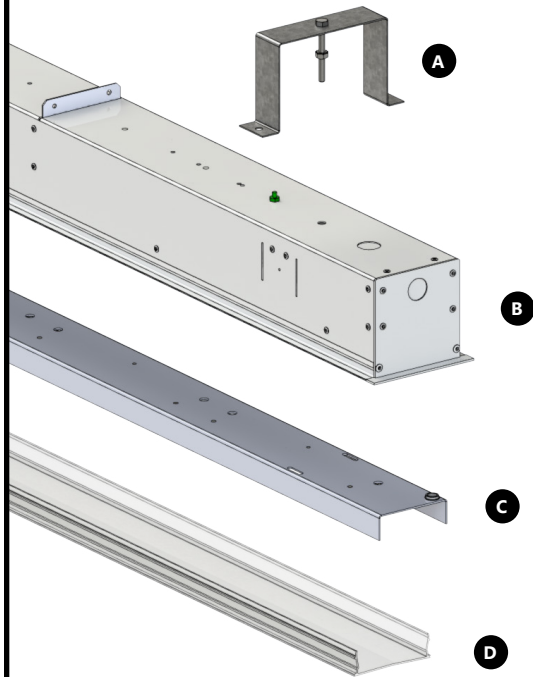


- 7 **For continuous run/pattern installations:** after first fixture has been installed, repeat steps 1 and 3 – 6 on this page for each subsequent fixture.
- Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions** at the end of this document. Finally, complete the installation by reinstalling the geartray and lenses.

## Installation

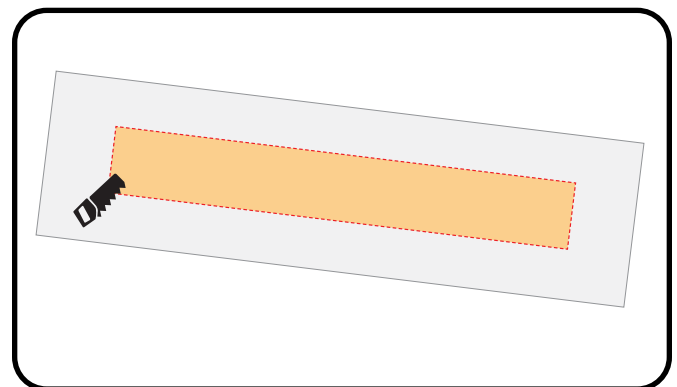
**COMPONENTS FOR F (1/2" OVERLAP) MOUNTING**

The Forecast (SRT) series mounting system consists of four main components: the mounting yoke (A), housing (B), the geartray (C), and the lens (D). All items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly. In some cases, lenses ship separately.

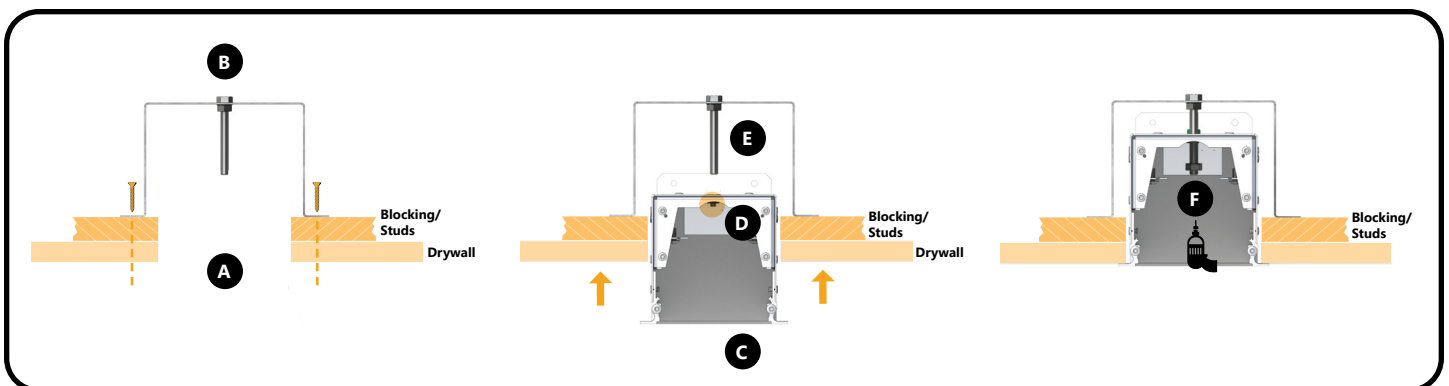


1 In preparation of installation, remove the fixture from the package and separate the included components.

**The F (1/2" overlap) fixture is installed after drywall installation.**



2 Be sure that the power to the fixture's circuit is turned off. Prior to cutting into drywall, locate all power conduits and cables. Make an opening in the drywall following the dimensions in chart below.

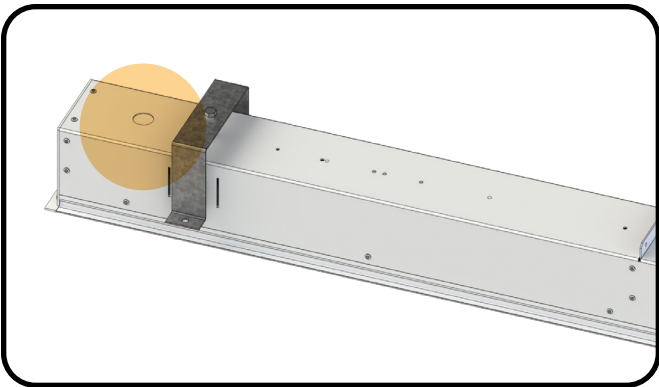


3 i. Secure yoke (B) to blocking using one screw (by others) on each side where marked.

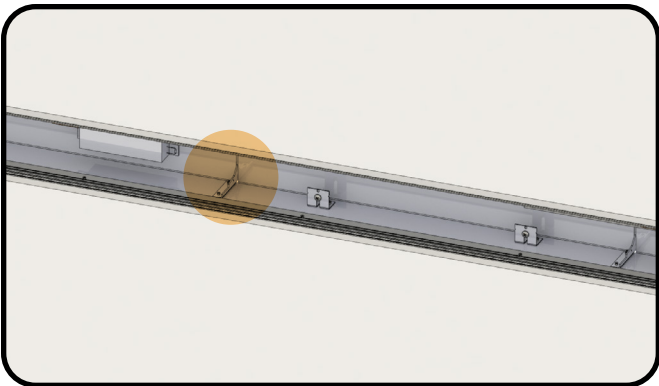
ii. Remove nut from bolt inside top of housing (D). Raise fixture housing (C) through cutout in drywall. Insert threaded fastener (E) into hole in housing.

iii. Tighten nuts (F) to raise fixture until flange is tight to ceiling. Do not over-tighten as to distort housing.

Installation



4 Connect wiring through standard 7/8" knockouts as required.



5 **For continuous run/pattern installations:** after first fixture has been installed, repeat steps 1 and 3 – 6 on this page for each subsequent fixture.  
Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions** at the end of this document. Finally, complete the installation by reinstalling the geartray and lenses.

F Profile Hole Opening Charts

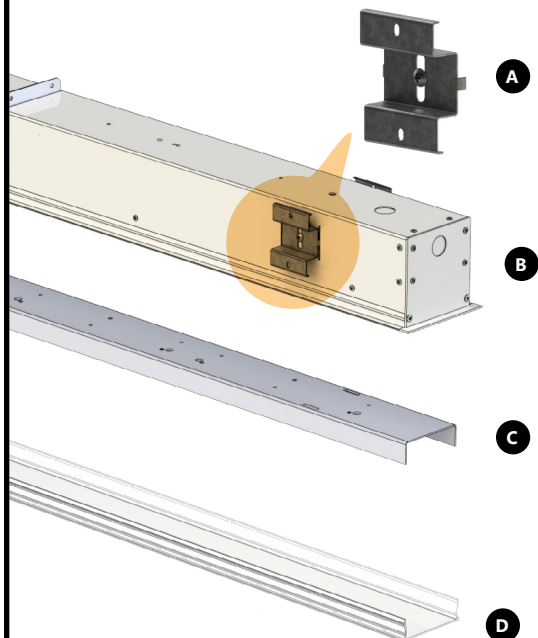
NOMINAL	LENGTH
2'	24 7/16"
3'	36 7/16"
4'	48 7/16"
5'	60 7/16"
6'	72 7/16"
7'	84 7/16"
8'	96 7/16"
X'	X + 7/16"

PROFILE	WIDTH
SRT-43	2 3/4"
SRT-44	4 1/8"
SRT-46	6 1/8"
SRZ-44	3 5/8"
SRZ-46	5 5/8"

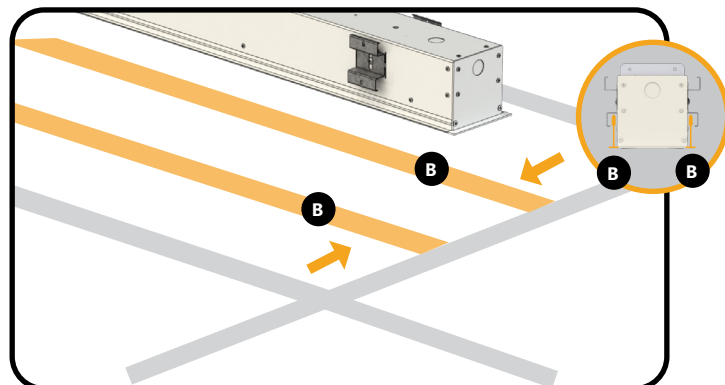
## Installation

### COMPONENTS FOR FG/TG/BF GRID MOUNTING

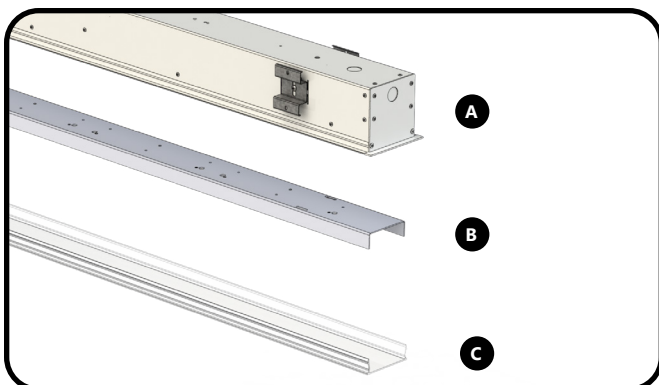
The Forecast (SRT) series mounting system consists of four main components: the grid clips (**A**), the housing (**B**), the geartray (**C**), and the lens (**D**). All items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly. In some cases, lenses ship separately.



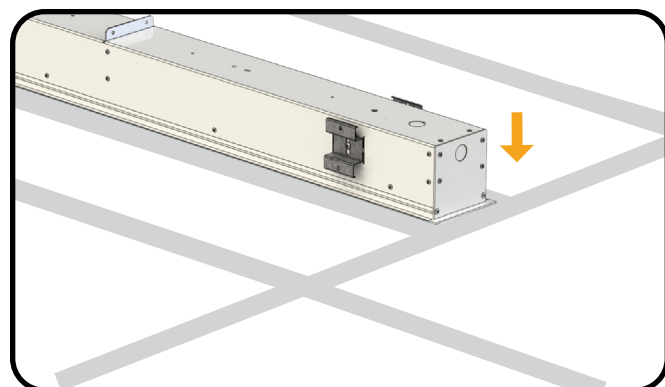
- 2** Be sure that the power to the fixture's circuit is turned off. Fixture will be installed into the ceiling grid structure (ceiling tiles shown for reference only — tiles adjacent to fixture may need to be removed during installation. Please refer to shop drawings for end-to-to measurements.



- 3** Set grid spacing by adjusting T-Bar runners (**A**) so they align to the fixture width. Lower fixture onto T-Bar runners so that fixture flanges rest on T-Bar (**B**). Please refer to shop drawings for end-to-to measurements.

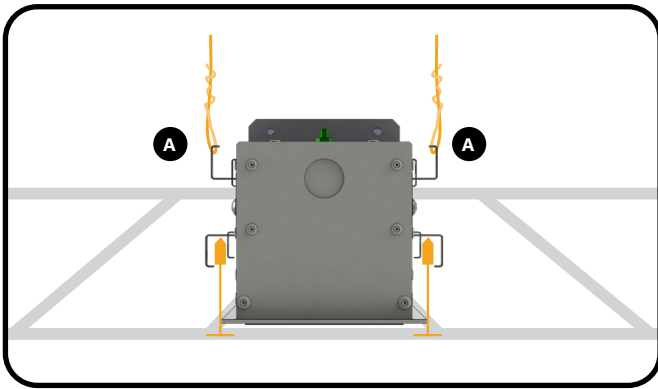


- 1** In preparation of installation, remove the fixture from the package and separate the included components.

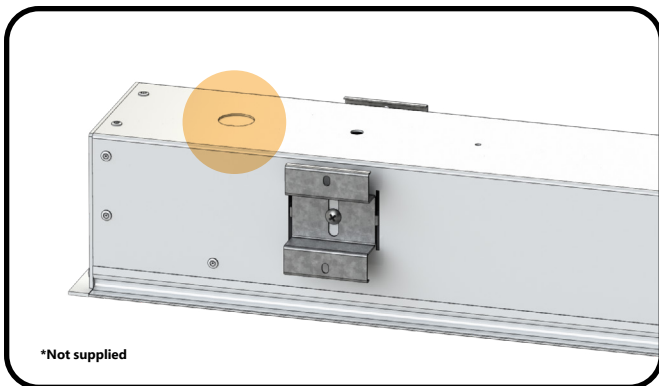


- 4** Lower fixture housing into ceiling grid from above ceiling plane. Alternately, Raise the fixture housing into ceiling grid and support the fixture while mounting. Depending on your installation situation, you may need an different installation method.

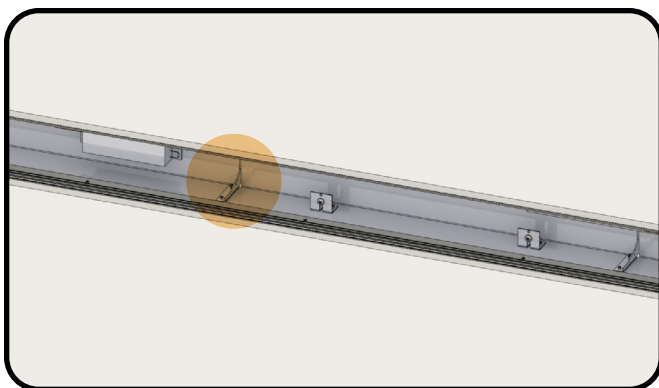
## Installation



- 5 Connect fixture with suspension wire\* from supporting structure using holes in supplied brackets (**A**) on the fixture housing. Ensure the fixture is level with the finished ceiling height.



- 6 Connect wiring through standard 7/8" knockouts as required.



- 7 **For continuous run/pattern installations:** after first fixture has been installed, repeat steps 1 and 3 – 6 on this page for each subsequent fixture.

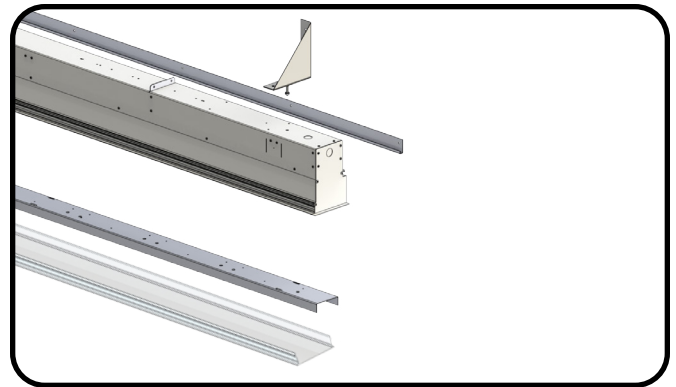
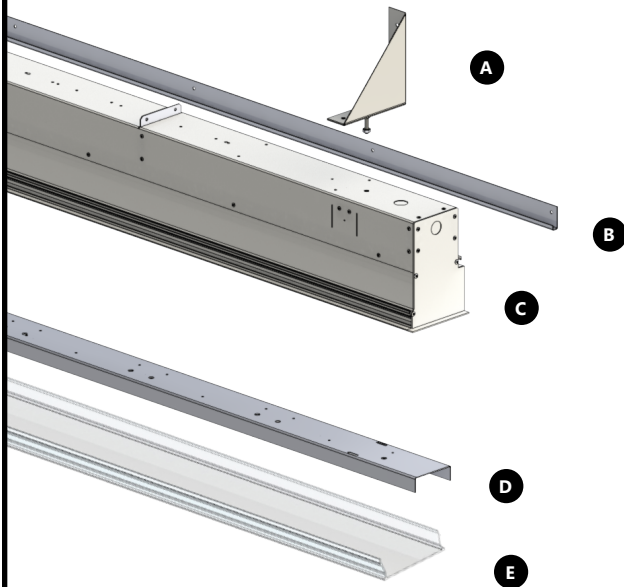
Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions** at the end of this document. Finally, complete the installation by reinstalling the geartray and lenses.



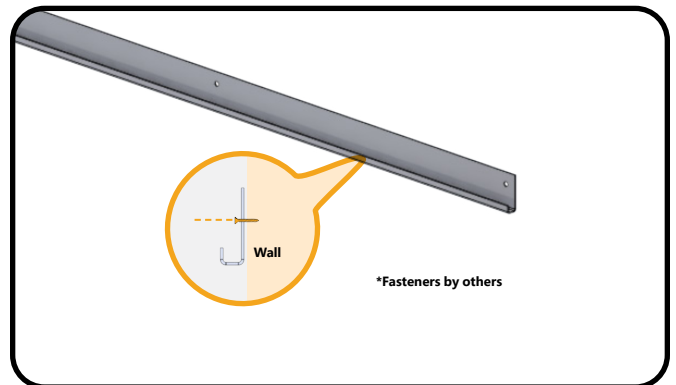
## Installation

### COMPONENTS FOR PERIMETER MOUNTING

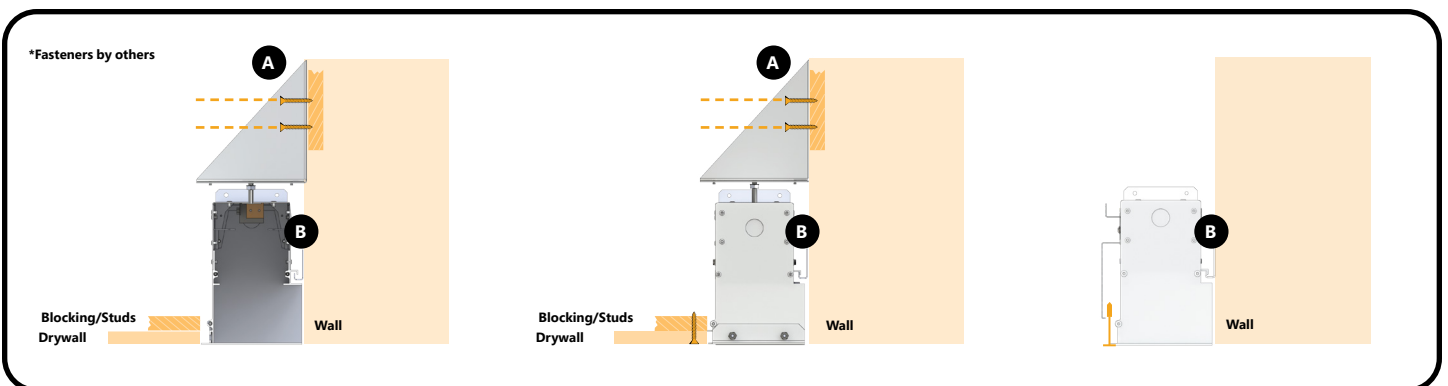
The Forecast (SRT) series mounting system consists of five main components: the F/FF-profile yoke or FG/TG/BG Grid clip (**A**), the wall bracket (**B**), the housing (**C**), the geartray (**D**), and the lens (**E**). All items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly. In some cases, lenses ship separately.



- 1 In preparation of installation, remove the fixture from the package and separate the included components.



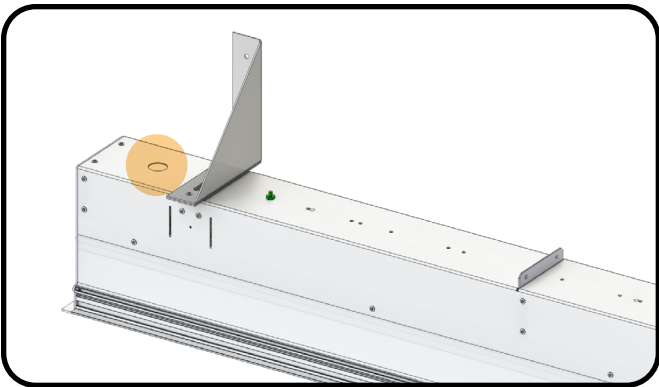
- 2 Install wall bracket along wall, above ceiling plane according to shop drawings.



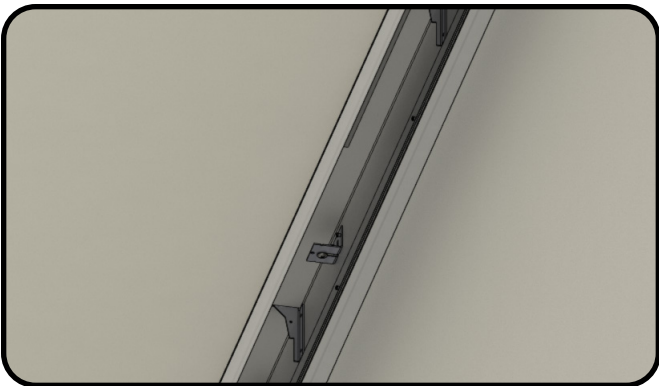
- 3
- i. F Profile: Secure yoke (**A**) to wall, place housing on wall bracket (**B**), then follow trim-specific mounting directions/instructions.
  - ii. FF Profile: Secure yoke (**A**) to wall, place housing on wall bracket (**B**), then follow trim-specific mounting directions/instructions
  - iii. BG/TG/FG Profile: Place housing onto wall bracket (**B**) and see instructions for suspension wire and T-Bar installation.



Installation



4 Connect wiring through standard 7/8" knockouts as required.



5 **For continuous run/pattern installations:** after first fixture has been installed, repeat steps 3 – 4 on this page for each subsequent fixture. Proceed with **Housing & Run Assembly** Installation and **Wiring Instructions** at the end of this document. Finally, complete the installation by reinstalling the geartray and lenses.

PER Profile Hole Opening Charts

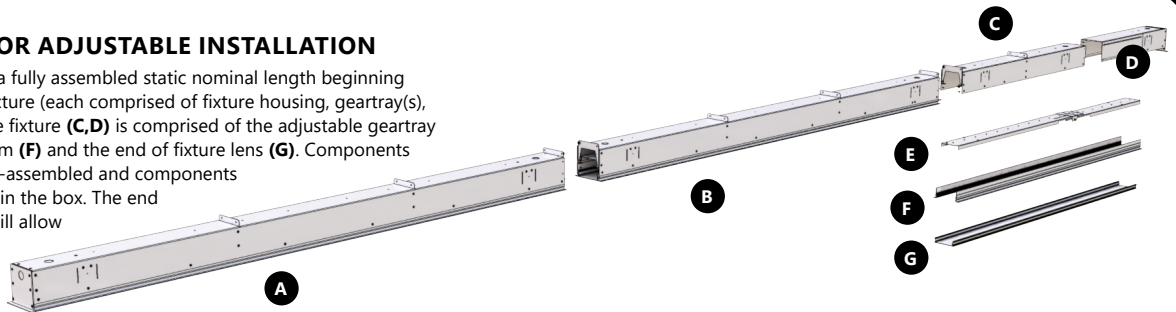
NOMINAL	LENGTH
2'	24 7/16"
3'	36 7/16"
4'	48 7/16"
5'	60 7/16"
6'	72 7/16"
7'	84 7/16"
8'	96 7/16"
X'	X + 7/16"

PROFILE	WIDTH
SRT-43	3 5/16"
SRT-44	4 11/16"
SRT-46	6 11/16"

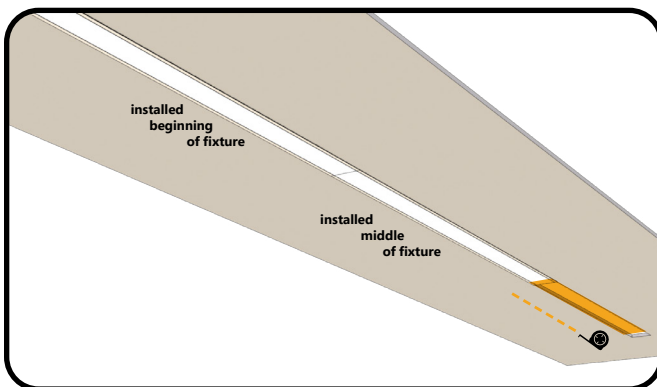
## Installation

### COMPONENTS FOR ADJUSTABLE INSTALLATION

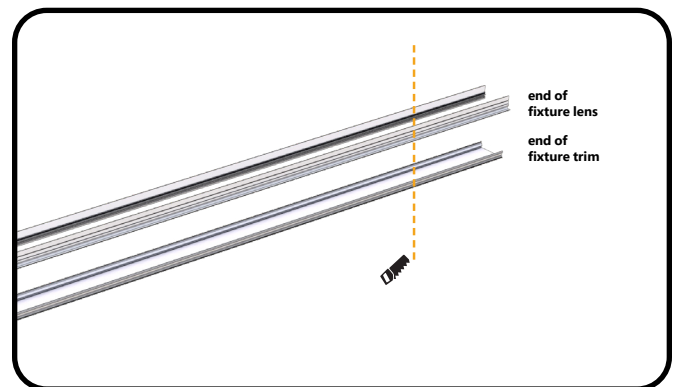
Forecast will arrive with a fully assembled static nominal length beginning (A) and middle (B) of fixture (each comprised of fixture housing, geartray(s), and lens). The end of the fixture (C,D) is comprised of the adjustable geartray (E), the end of fixture trim (F) and the end of fixture lens (G). Components C,D, and E will arrive pre-assembled and components F and G will arrive loose in the box. The end of fixture components will allow the fixture to be assembled per desired ceiling opening.



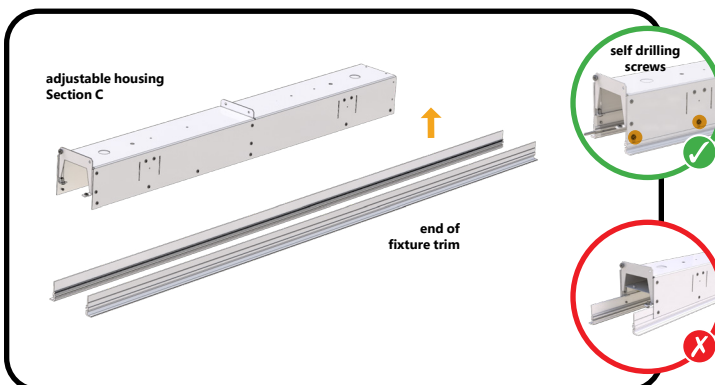
- 1 Install beginning of run and middle of run fixtures into ceiling. Consult previous pages of this guide for instructions specific to your profile type.



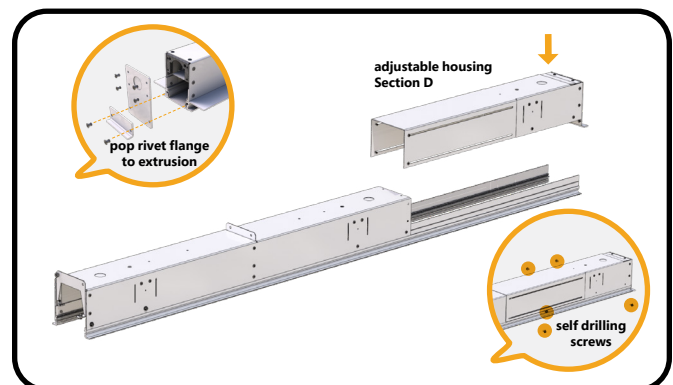
- 2 Measure remaining ceiling opening for assembly and installation of adjustable end of fixture.



- 3 Locate end of fixture trim and lens components. Cut trim to ceiling opening size less 1/8" (to account for end cap). Cut lens to match trim length.

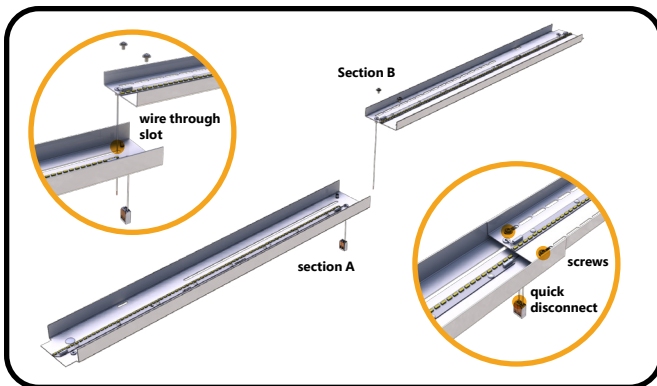


- 4 Mount end of fixture trim flush to adjustable housing Section C using self drilling screws.

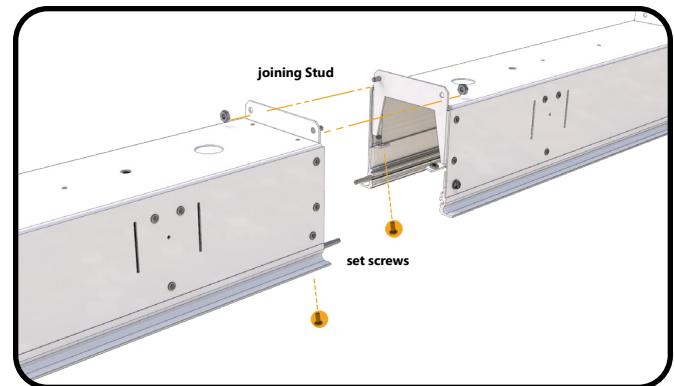


- 5 Mount adjustable housing Section D flush with end of trim using self-drilling screws. Important: Use provided rivets to connect housing end cap and FF/BG flange to trim. Only install rivets after trim is cut. Install using provided pop rivets after housing is set to correct length.

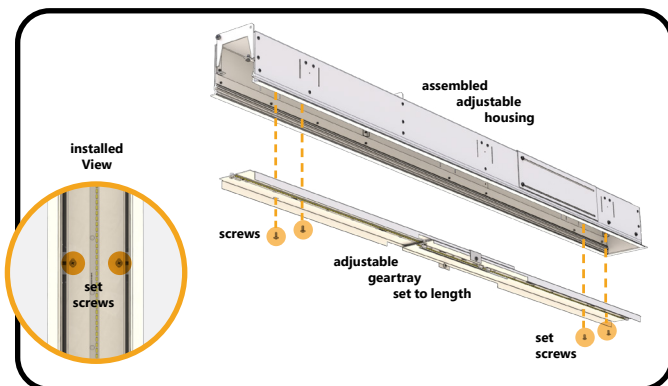
## Installation



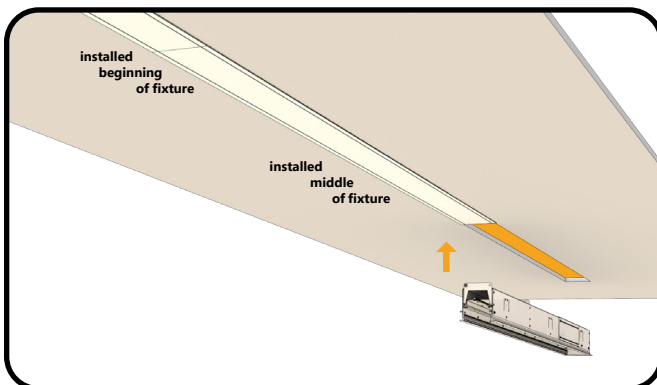
- 6 Assemble 2 piece gear tray. Thread wire from section B through slot in section A. Over lap trays per required length, join wires via quick connect, and tighten down screws from section B into stand offs in section A.



- 9 Join fixture housing together by mating the joining stud and nut on the top of the fixture, as well as the joining screws on the bottom of the fixture. Please see Housing & Run Assembly Installation at the end of this document for more.

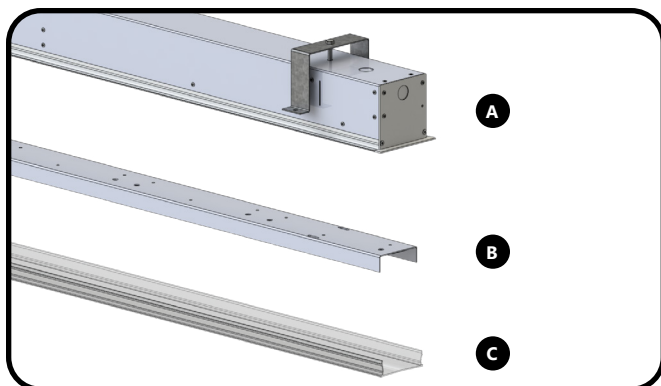


- 7 Install pre-set adjustable gear tray into assembled adjustable housing using #8 x 1/4" type B screws. See last page of this document for wiring instructions.

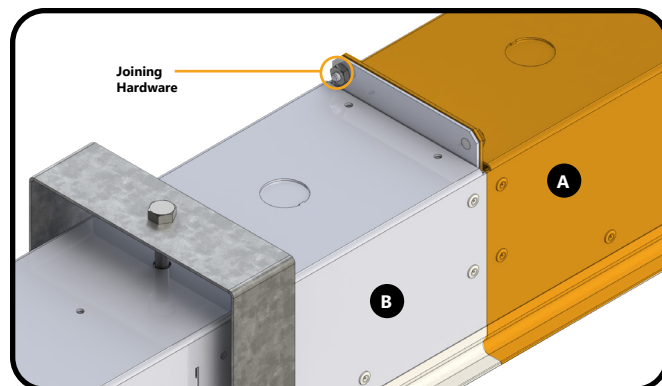


- 8 Check the fit of the lens — if it appears bowed or loose, remove the screws on one side of the fixture, adjust the fixture so that it fits flat and snug, and then reinstall screws. Ensure the fit of the lens by temporarily reinstalling, but remove prior to plastering. Finally, remove spacer brackets prior to next step.

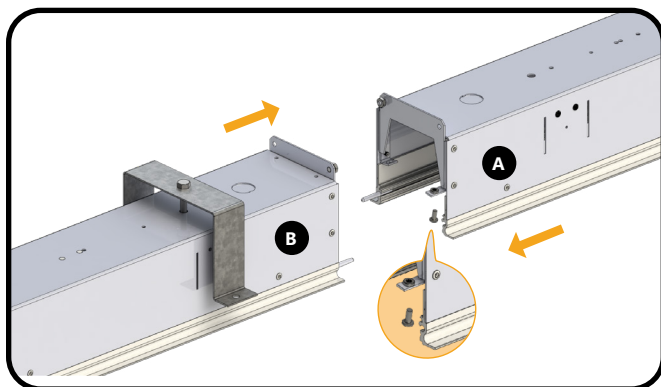
## Housing & Run Assembly Installation



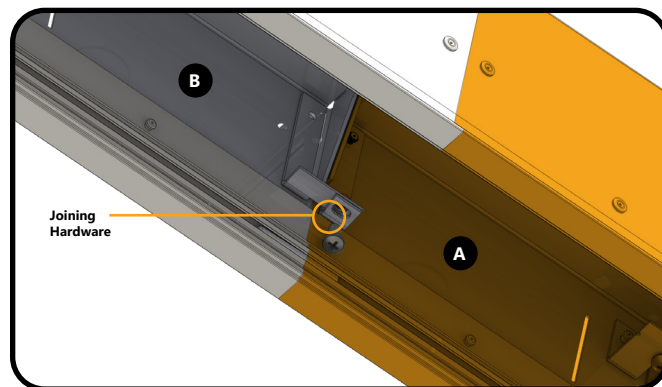
- 1 Remove the lens (C) and geartray (B) from fixture (A) to gain access to the joining hardware at the fixture ends of each run configuration



- 3 Attach the housings (A & B) by using the supplied hardware in the fixture to lock the pieces together. Repeat steps 1–3 for continuous run/pattern installation, including corners.

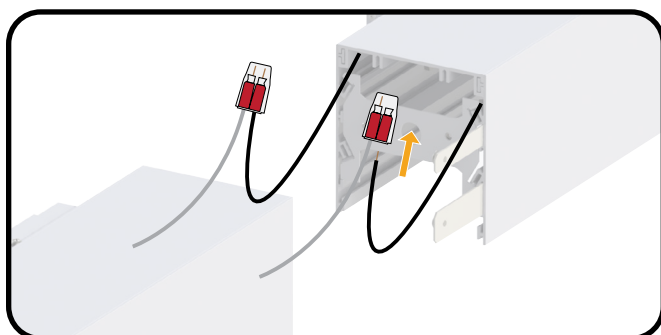


- 2 Slide the fixtures together along the alignment pins to engage the housing profile of the adjoining units. Use the included gasket strips along the exposed faces for a true fit and to prevent light leak.



- 4 Attach the housings (A & B) by using the supplied hardware in the fixture to draw the pieces together tightly. Repeat steps 1–3 for continuous run/pattern installation, including corners.

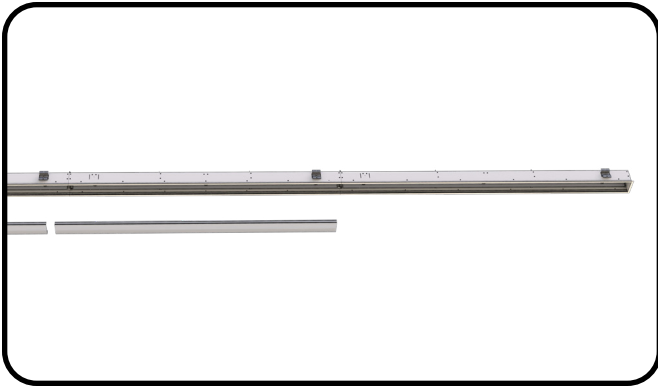
**Wiring** prior to wiring, fixture(s) must be mounted/hung and adjoined in the final installed position.



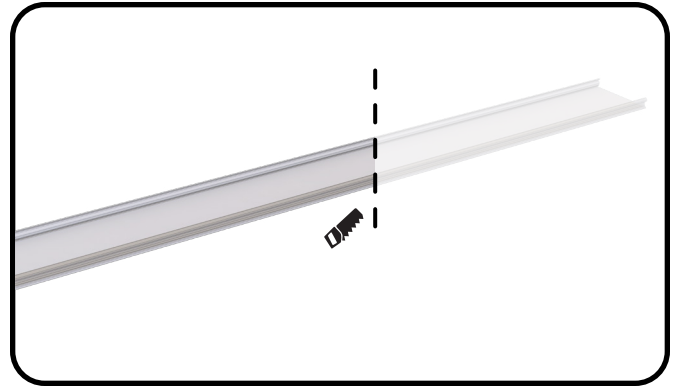
Standard geartrays come wired with 18GA solid core wire and provided self drilling hardware.

**⚠ Prior to wiring, fixture(s) must be mounted/hung and adjoined in the final installed position.**

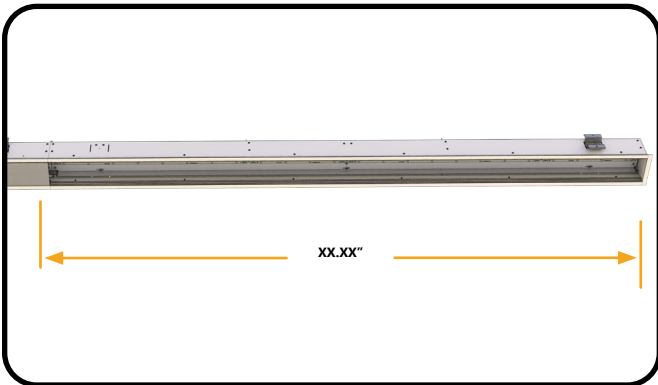
## Lens Field Cut Instructions



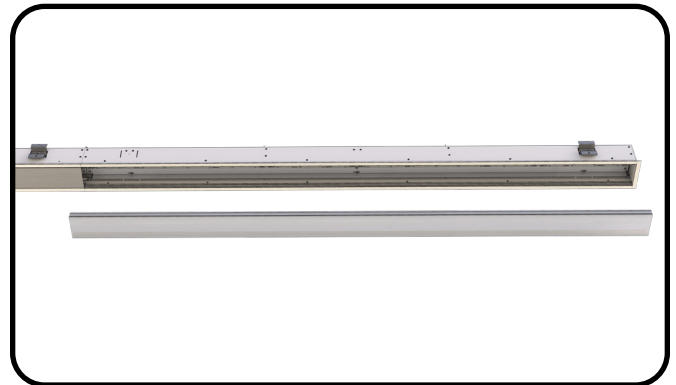
- ① Forecast lighting fixtures longer than 8' ship with 1 foot of additional lens length. After the fixture has been installed working from one end install lens until the last section is reached.



- ③ Cut lens down to the measured length.



- ② Measure the remaining opening.



- ④ Install lens that has been cut down to the measured length.

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.