



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 (0.75mm²).

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 (0.75mm²).

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.



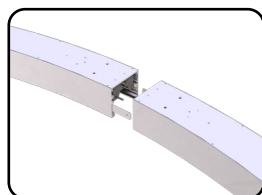
Grounding Instructions

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.

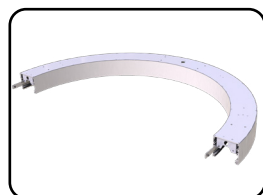
For Your Safety

- 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.

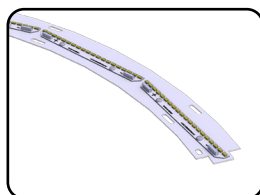
Included Parts & Hardware



Housing(s)



Corners (Optional)

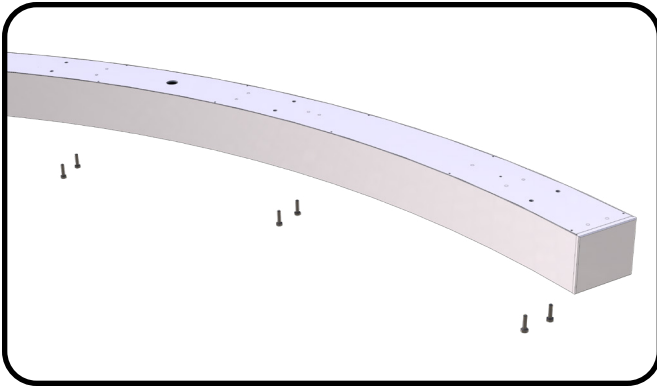


Geartray(s)

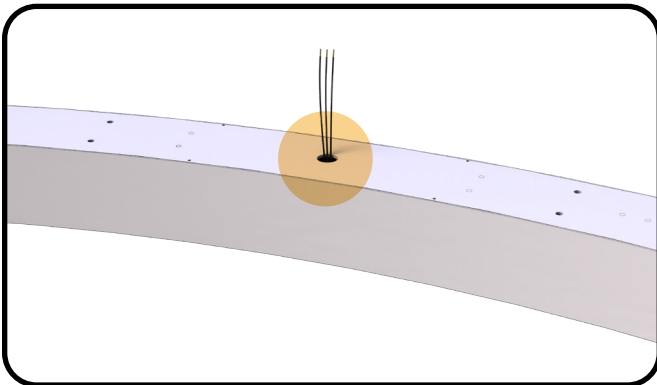


Lens

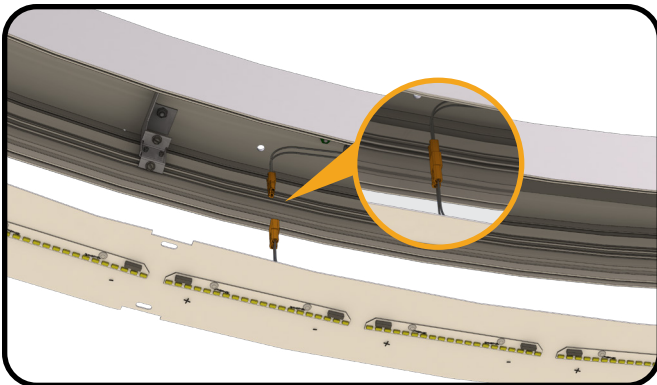
Installation



- 1 Turn off the power to the fixture's circuit.**
Align fixture housing flush to ceiling or wall depending what has been specified and secure through factory-drilled holes using screws (not provided) appropriate for surface type.



- 2** 7/8" power feed hole is provided for wiring to be fed into fixture

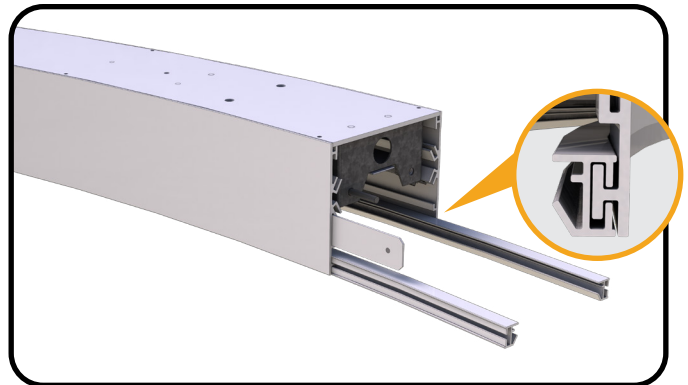
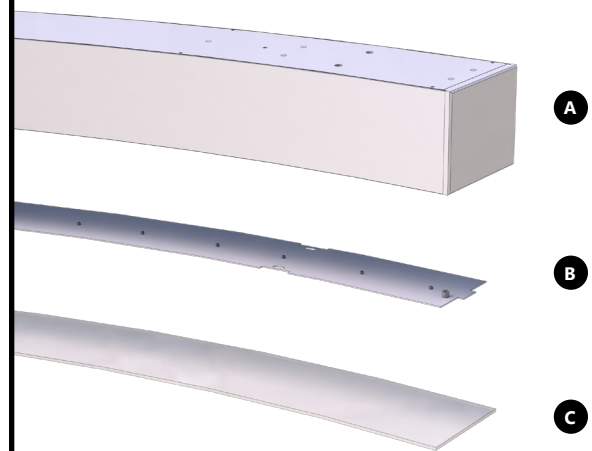


- 3** Connect geartray to fixture housing via provided electrical junction and re-insert geartray back into housing.

COMPONENTS FOR SURFACE MOUNTING

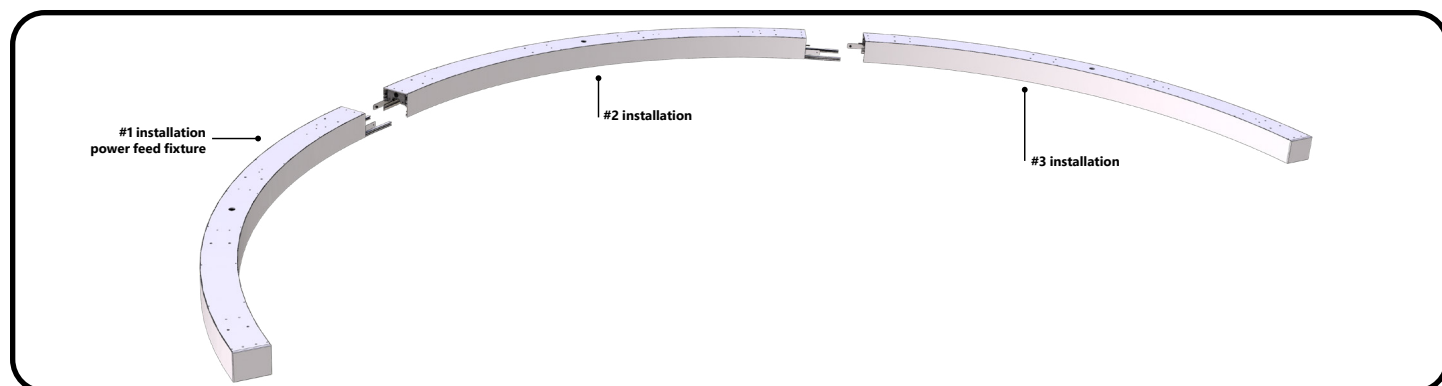
The Arc series ceiling mounting system consists of three main components: the housing (A), the geartray (B), and the lens (C). These items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly.

In preparation for installation, remove geartray (B) and lens (C) from housing (A) and set aside in a safe area.



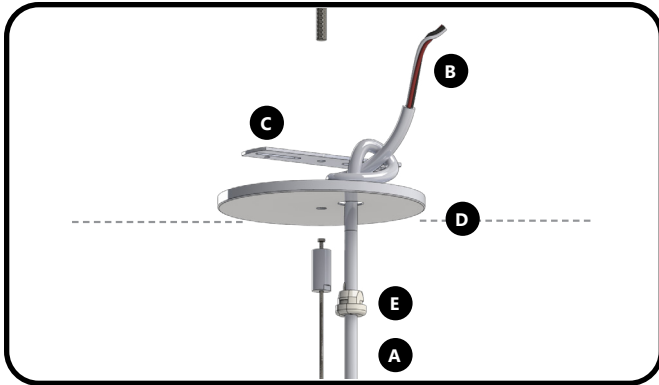
- 4** Slide lens rails into downlight housing sections, note orientation of lens rail to ensure proper lens installation. Leave 6" of lens rail extending from each housing to slide into subsequent housings ensuring proper alignment as housings are joined.

Installation



- 5** **For continuous run/pattern installations:** after first power-fed fixture has been installed, repeat step 2 for each subsequent fixture and corner. Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions**. Finally, complete the installation by reinstalling the reflectors and lenses.

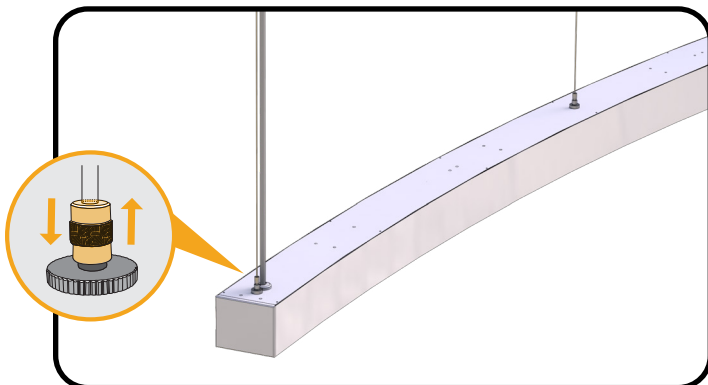
Installation



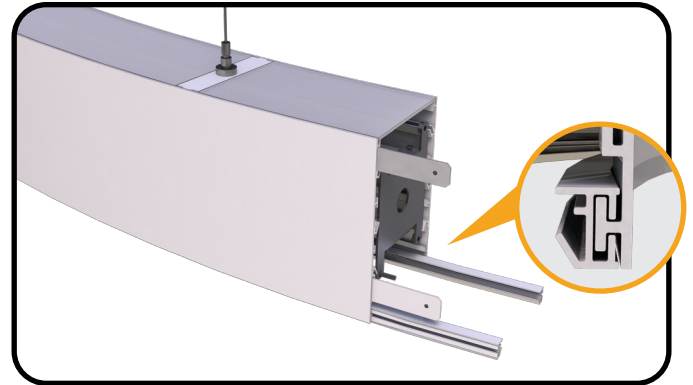
- 1 **Turn off the power to the fixture's circuit.** With the first power-fed fixture supported in the air, raise the cable assemblies to their respective mounts, and connect the power cord (A) to the ceiling's power feed (B). Install the junction box cross bar (C) in the power feed side. The suspension cable assembly threads to the 1/4-20 stud in the cross bar. Be sure that the included SJ cord is laced through the 5" canopy cover (D) and secured by the cord grip (E). Follow governing electrical code for making your connections in the junction box. Number of conductors in the cable will vary with fixture specification.



- 2 Thread the non-power feed side cable onto the 1/4-20 threaded rod secured to structure. Be sure that the 2" canopy cover is in place before attaching.



- 3 With fixture now mounted, you can slowly lower it into place. Fine adjustments to height and leveling can be made at the gripper assemblies located on the upper surface of the fixture.

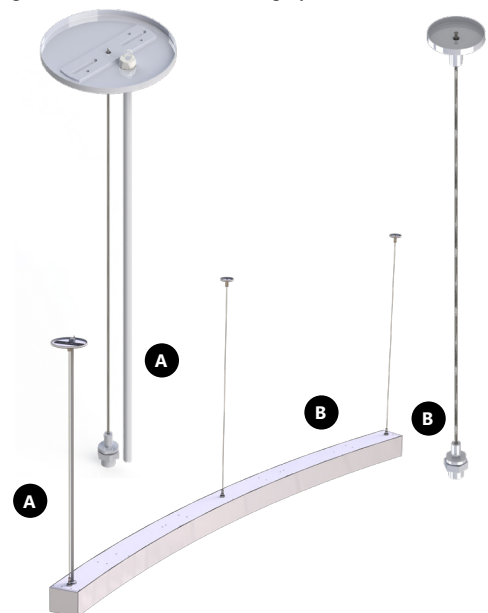


- 4 Slide lens rails into downlight housing sections, note orientation of lens rail to ensure proper lens installation. Leave 6" of lens rail extending from each housing to slide into subsequent housings ensuring proper alignment as housings are joined.

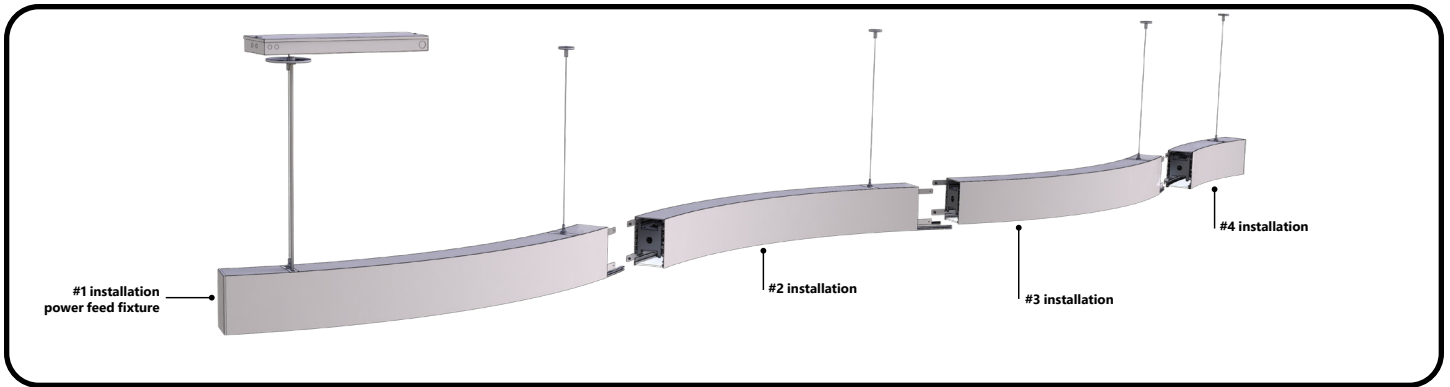
COMPONENTS FOR SUSPENDED MOUNTING

The Arc series cable mounting system consists of two main components: the power feed assembly (A) and the non-powerfeed assembly (B). Both items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly.

In preparation of installation, ensure that crossbars, canopy covers, cable grippers and cord grips are all accounted for. The cable mounting system is to be used with a standard j-box on the power feed side and 1/4-20 thread-all on the non-power feed side. Be sure to follow all governing code related to structural integrity and use of materials.



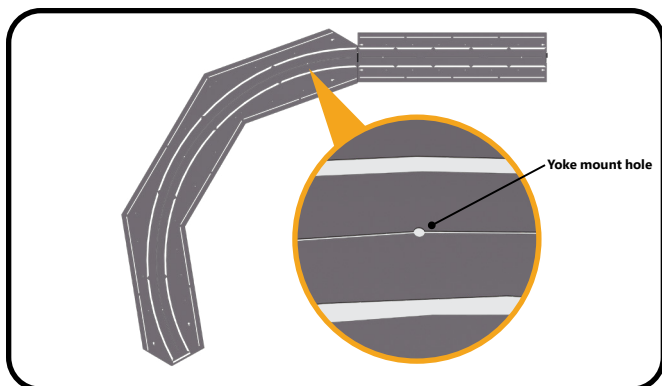
Installation



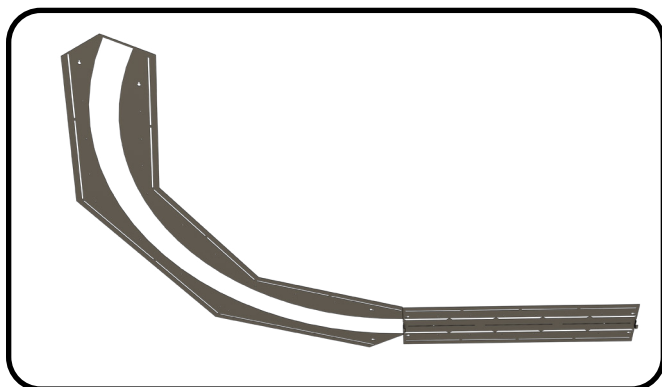
5

For continuous run/pattern installations: after first power-fed fixture has been installed, repeat step 2 for each subsequent fixture and corner. Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions**. Finally, complete the installation by reinstalling the gear trays and lenses.

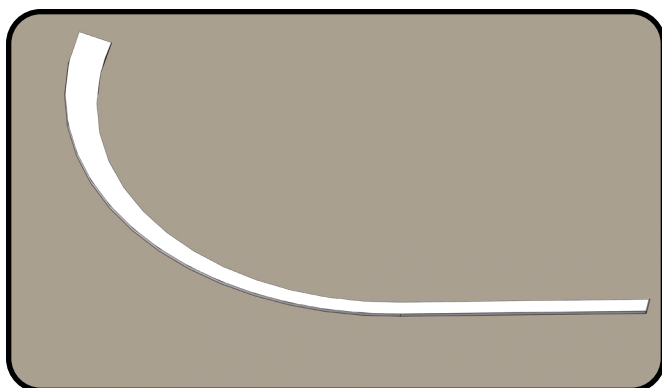
Installation



- 1 Place template on the floor directly below the final installed luminaire in the ceiling. Measure and use lasers to help align and locate template onto the ceiling.



- 2 After the template has been secured to blocking cut away the center webbing leaving a smooth edge for luminaire installation.

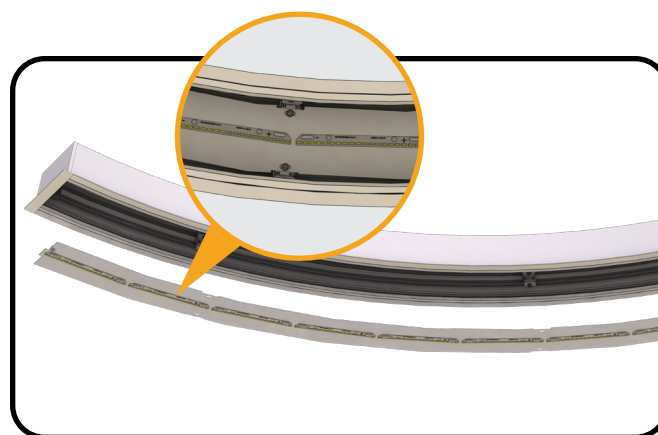
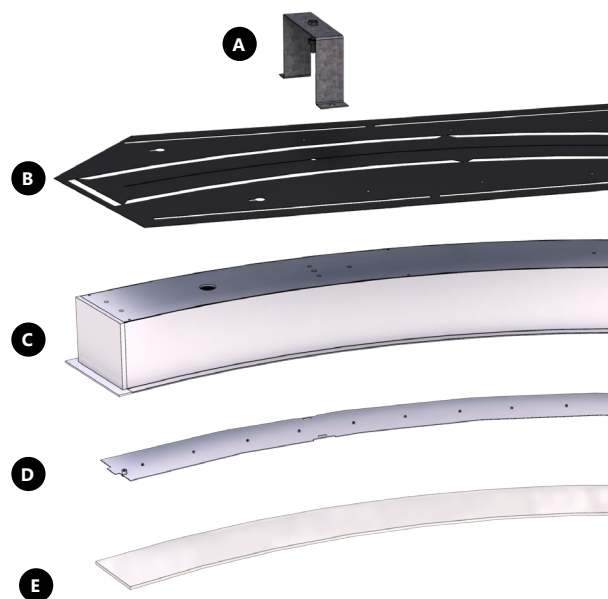


- 3 Attach gypsum board sheets per standard practices noting the areas that need to be cut out. Using a spiral saw cut away the gypsum board following along the template.

COMPONENTS FOR RECESSED MOUNTING

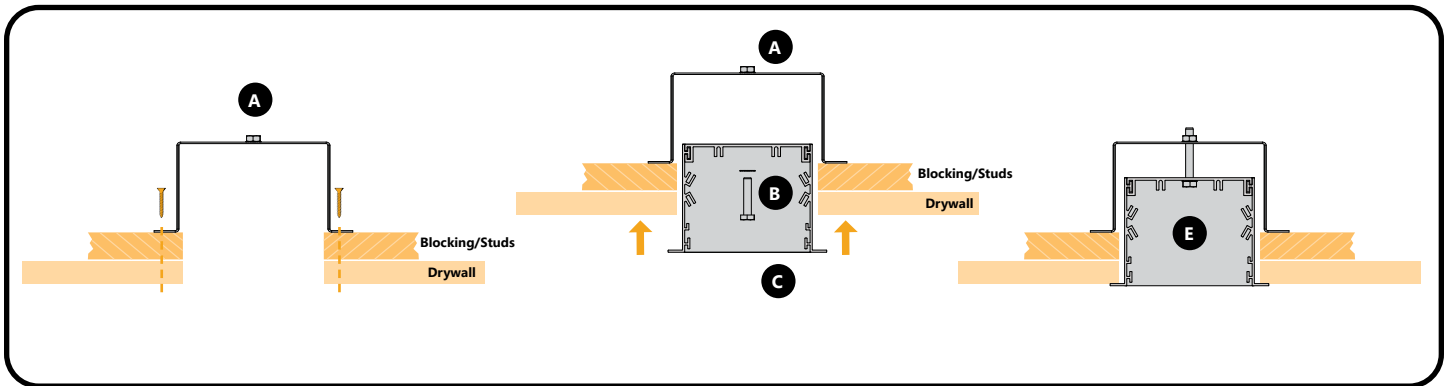
The Arc series recessed mounting system consists of five main components: the yoke (A), the template (B), the housing (C), the geartray (D), and the lens (E). These items come shipped with and attached to the fixture to help ensure proper counts and clarification during assembly.

In preparation for installation, remove geartray (D) and lens (E) from housing (C) and set aside in a safe area.



- 4 Remove the installed LED geartrays and disconnect the wired trays from the drivers via quick connect.

Installation

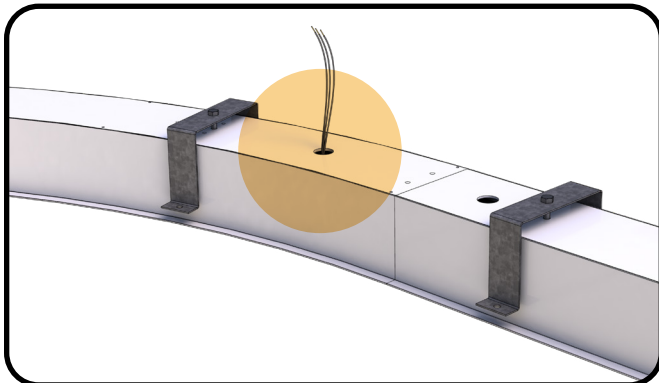


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i. Secure yoke (A) to blocking using one screw on each side where marked.

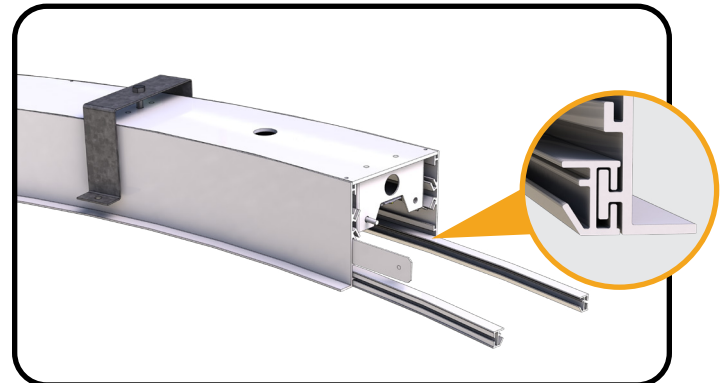
ii. Remove nut from bolt inside top of housing (B). Raise fixture housing (C) through cutout in drywall. Insert threaded fastener (D) into hole in housing.

iii. Tighten nuts (E) to raise fixture until flange is tight to ceiling. Do not overtighten as to distort housing.



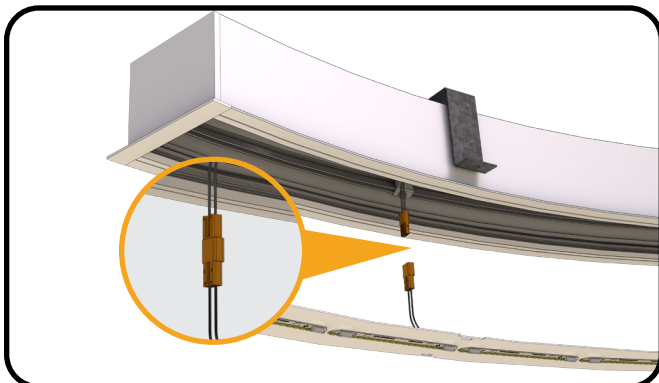
6

7/8" power feed hole is provided for wiring to be fed into fixture



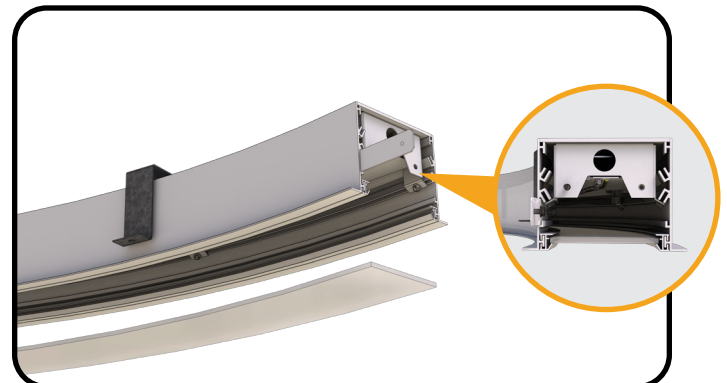
8

Slide lens rails into downlight housing sections, note orientation of lens rail to ensure proper lens installation. Leave 6" of lens rail extending from each housing to slide into subsequent housings ensuring proper alignment as housings are joined.



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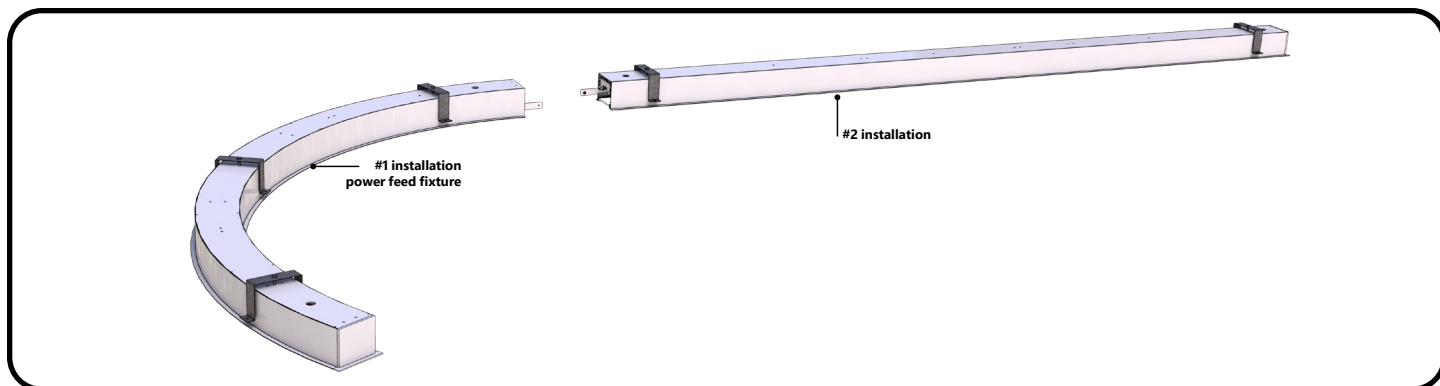
Connect geartray to fixture housing via provided electrical junction and re-insert geartray back into housing.



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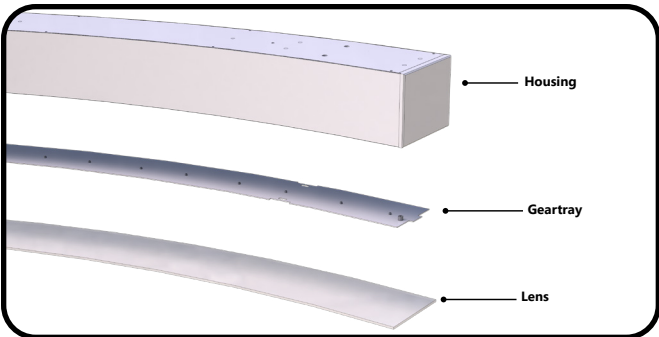
Lift lens up to luminaire and snap into place. Trim lens down to fit if needed.

Installation

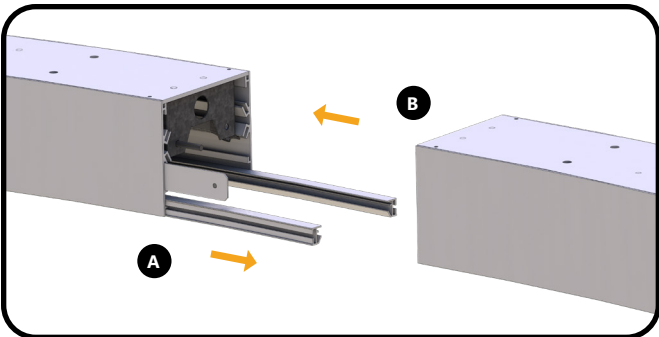
**10**

For continuous run/pattern installations: after first power-fed fixture has been installed, repeat step 2 for each subsequent fixture and corner. Proceed with **Housing & Run Assembly Installation** and **Wiring Instructions**.

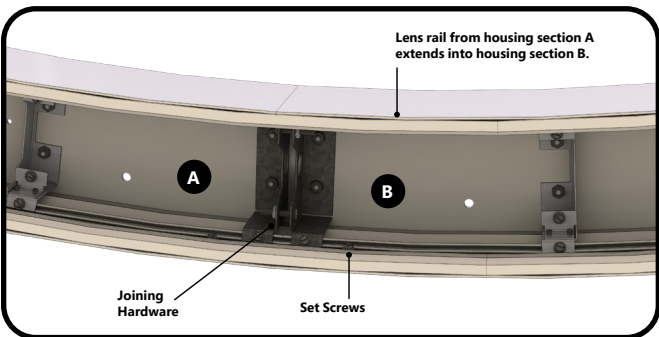
Housing & Run Assembly Installation



1 Remove the lens and geartray to gain access to the joining hardware at the fixture ends of each run configuration

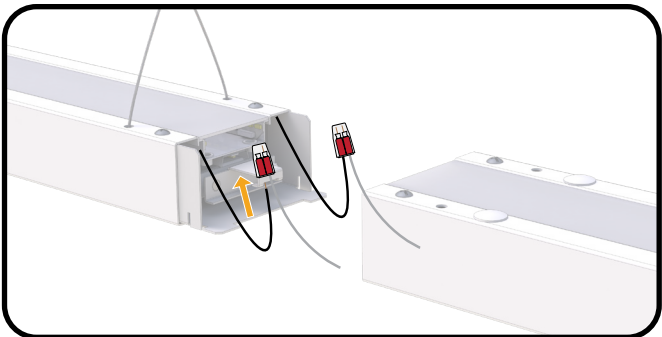


2 Slide the fixtures together along the alignment tabs and 6 inches of lens rail to engage the housing profile of the adjoining units. Use the included gasket strips along the exposed faces for a true fit and to prevent light leak. Tighten set screws in alignment tabs.



3 Attach the housings (A & B) by using the supplied hardware in the header brackets to draw the pieces together tightly. Set screws in the alignment tabs aid this as well. Repeat steps 1–3 for continuous run/pattern installation, including corners.

Wiring



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.

ADDITIONAL OPTIONS

Product Code	Description	Manufacturer
[none]	Non-Dimming	Universal Lighting Technologies
D10V	0-10V Dimming	Universal Lighting Technologies
DLA2	Lutron Hi-Lume 1% 2-wire LED driver	Lutron
DLEH5	Lutron EcoSystem H-Series 5-wire Dimming	Lutron
DLE55	Lutron EcoSystem 5-wire Dimming	Lutron
DALI	Digitally Addressable Lighting Interface	Universal Lighting Technologies
EMLED	LED Battery Pack	Fulham
F	Fusing	Cooper Bussmann GLR-1/2

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.