

WARNINGS:

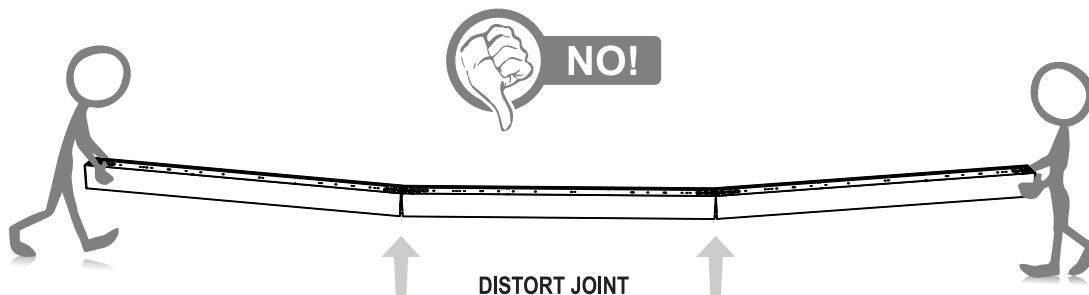
- Do not assemble continuous run on the ground and lift into place. Joints will distort and not create a tight fit. Joining hardware will have to be purchased and replaced.
- Risk of electrical shock or fire, disconnect power during installation or servicing. Read all instructions completely before starting installation. Install and wire in accordance to all national and local codes by a certified electrician. Fixture may be sharp, handle with care. Let fixture cool before maintenance.

AVERTISSEMENTS:

- Risque d'électrocution ou d'incendie. Déconnectez l'alimentation durant l'installation ou la maintenance. Lisez attentivement toutes les instructions avant de commencer toute installation. Faites installer et câbler selon les normes Nationales et Locales par un électricien certifié. Les installations peuvent être coupantes, à manipuler avec précaution. Laissez refroidir les installations avant une opération de maintenance.

ADVERTENCIA:

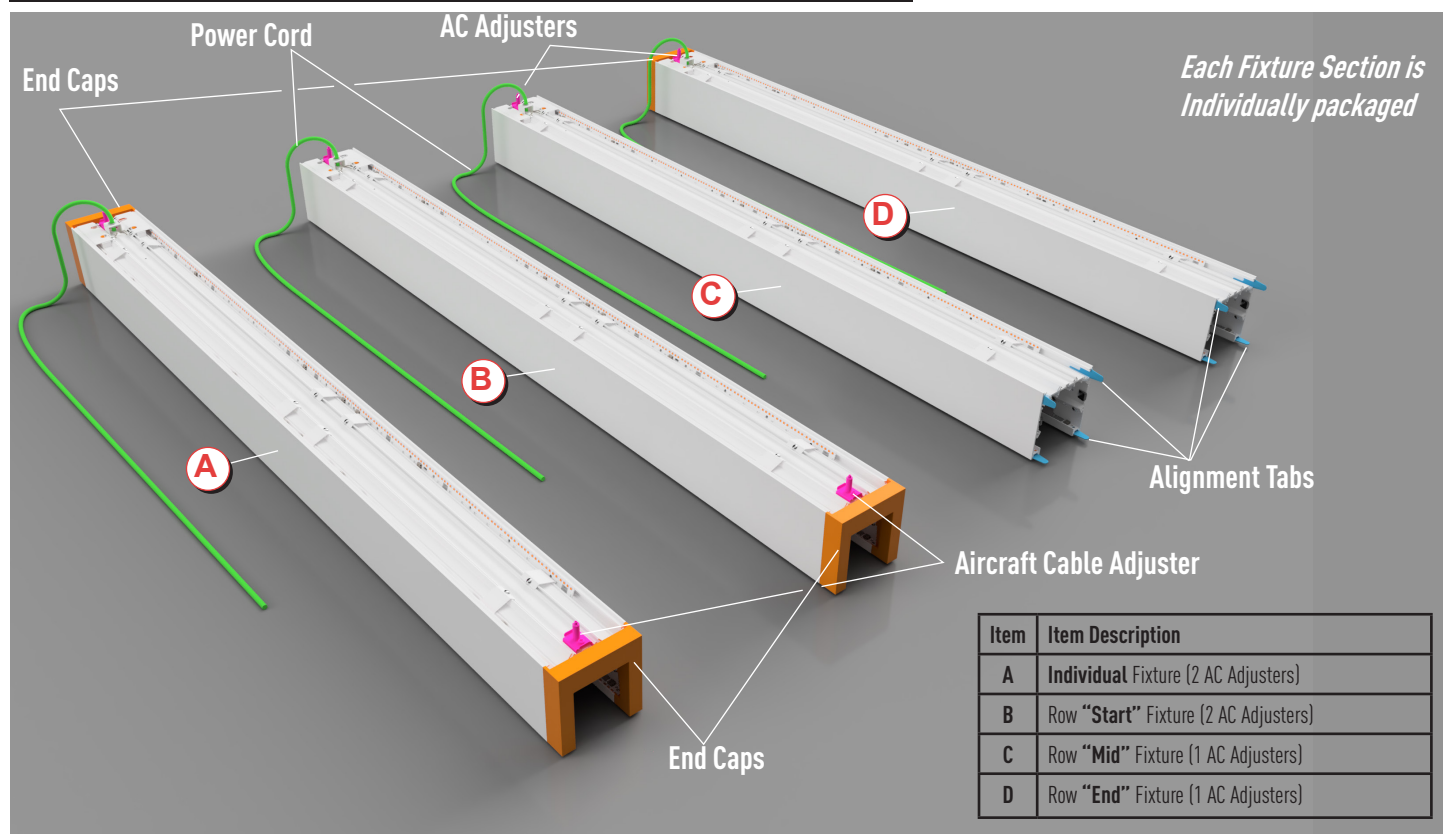
Riesgo de descarga eléctrica o un incendio, desconecte la alimentación durante la instalación o servicio. Leer todas las instrucciones completas antes de empezar la instalación. Instalar y cablear en acuerdo a las reglas nacionales y códigos locales por un electricista certificado. El accesorio puede estar agudo, agarre con cuidado deje que el accesorio. Enfriar antes de mantenimiento.



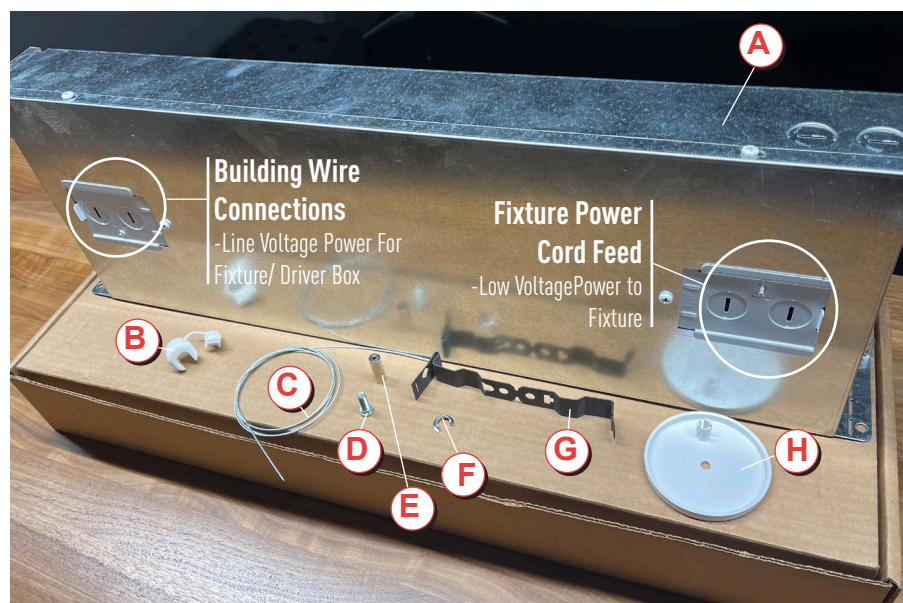
LIGHTING SYSTEM COMPONENTS

Every luminaire will have a companion driver enclosure, not all luminaires and driver enclosures are the same, please be sure to pair the proper driver enclosure to the proper luminaire by reading the packaging labels and referencing submittal documents

Light Fixture(s)



Power Feed Mounting Kit



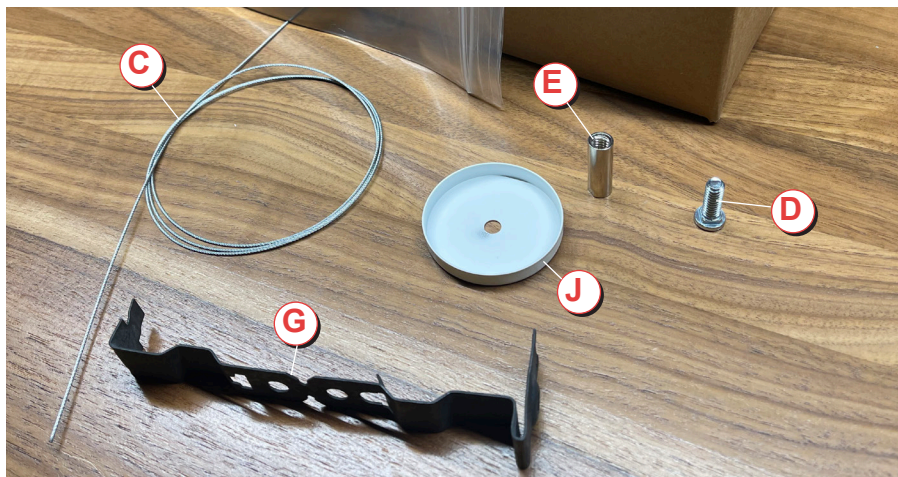
Item	Qty	Item Description
A	1	Grid Driver Enclosure
B	1	Power Cord Strain Relief
C	1	Aircraft Cable (48" or 120")
D	1	Grid Clip Screw
E	1	Cable Coupler
F	1	Power Cord Crimp
G	1	Grid Clip (Varies T1,T9, or TS)

Power Feed components ship within the "Grid-Box Enclosure" box.

LIGHTING SYSTEM COMPONENTS

Every luminaire will have a companion driver enclosure, not all luminaires and driver enclosures are the same, please be sure to pair the proper driver enclosure to the proper luminaire by reading the packaging labels and referencing submittal documents

Non-Power Feed Mounting Kit



Item	Qty	Item Description
C	1	Aircraft Cable (48" or 120")
D	1	Grid Clip Screw
E	1	Cable Coupler
G	1	Grid Clip (Varies T1, T9, or TS)
J	1	Non-Power 2" Canopy

Non-Power feed components ship individually packaged in separate hardware boxes.

Reflector Installation Kit



Item	Item Description
K	White Cloth Gloves
L	Clear Acrylic Retention Lenses
M	Optical Grade Reflector Sheets

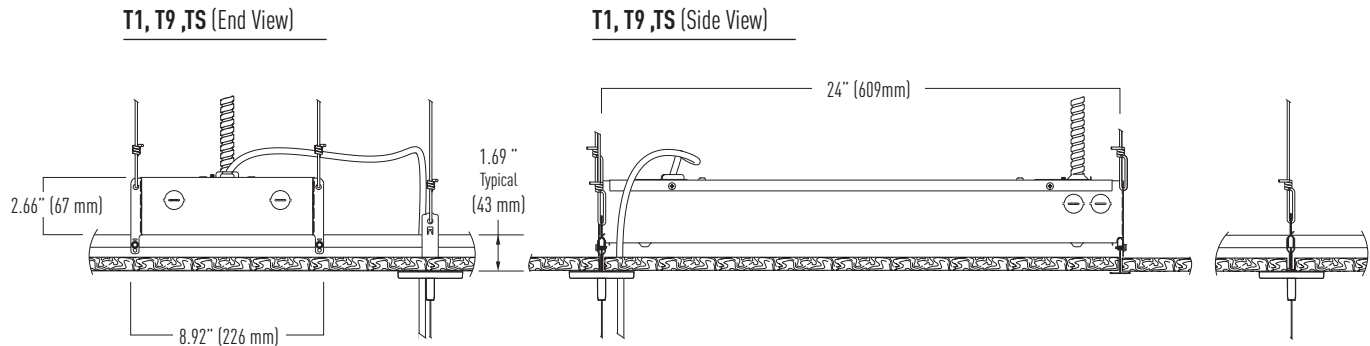
Film Reflectors and retention Lenses are the final installation step, after fixtures are fully installed and levelled.

Gloves supplied by Nulite must be worn during reflector installation to avoid smudges

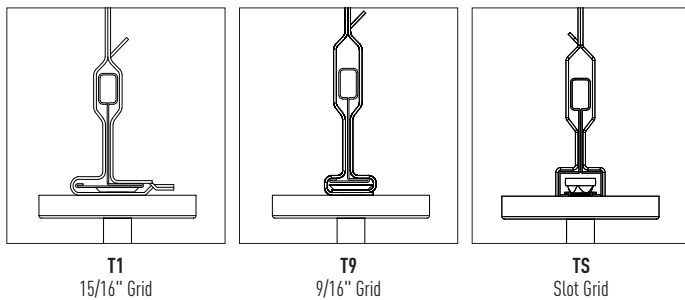
INSTALLATION AND MOUNTING DETAILS

Recessed Grid Ceiling Remote Driver Enclosure

Ceiling Options T1, T9, and TS



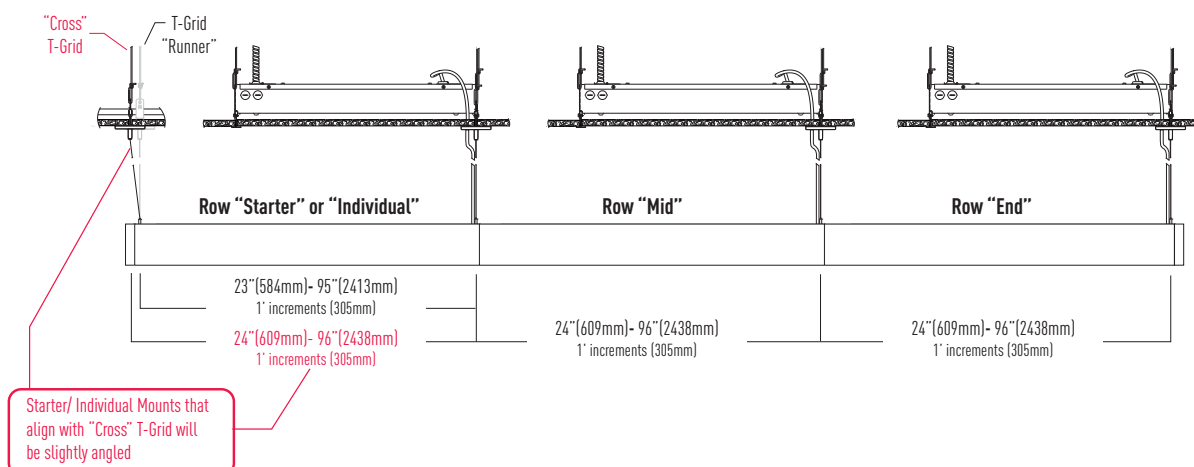
Ceiling Grid Details



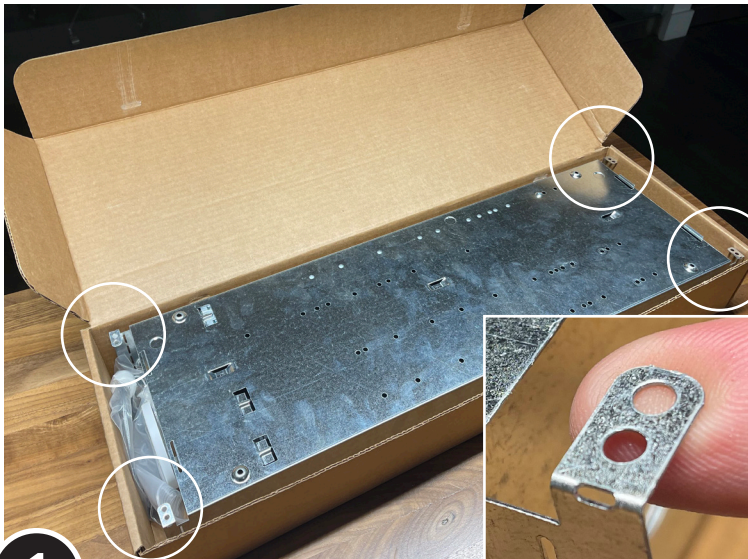
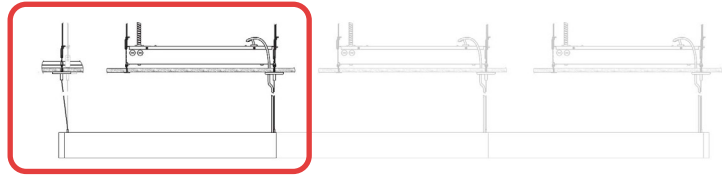
Row Layout

Ceiling Options T1, T9, and TS

DIMENSIONS FOR AIRCRAFT CABLE SUSPENSION MOUNT LOCATIONS

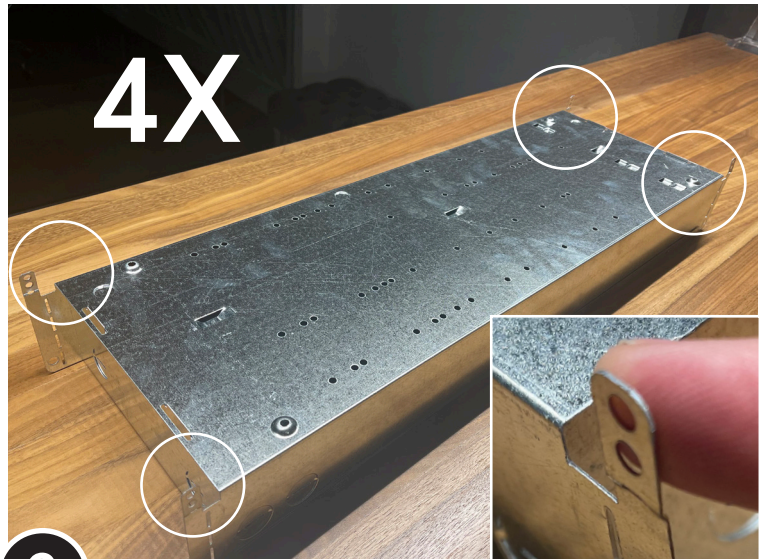


INSTALLING AN INDIVIDUAL OR ROW- STARTER LUMINAIRE



1

Locate Grid Driver Box Package



2

Bend 4 Tabs into Vertical Position



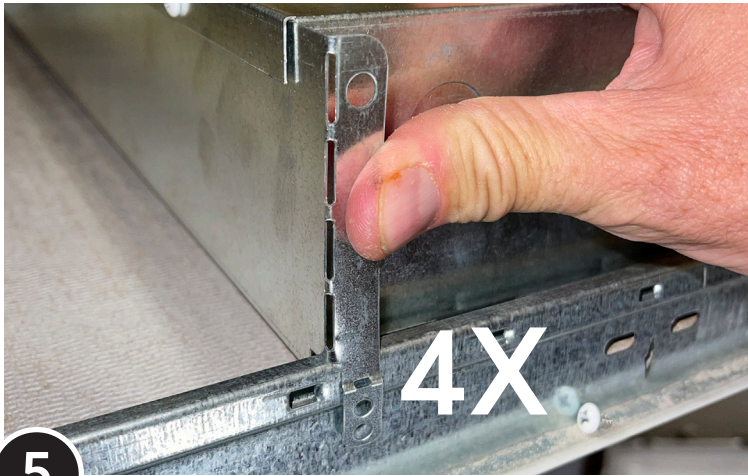
3

Place Grid Box Into Ceiling



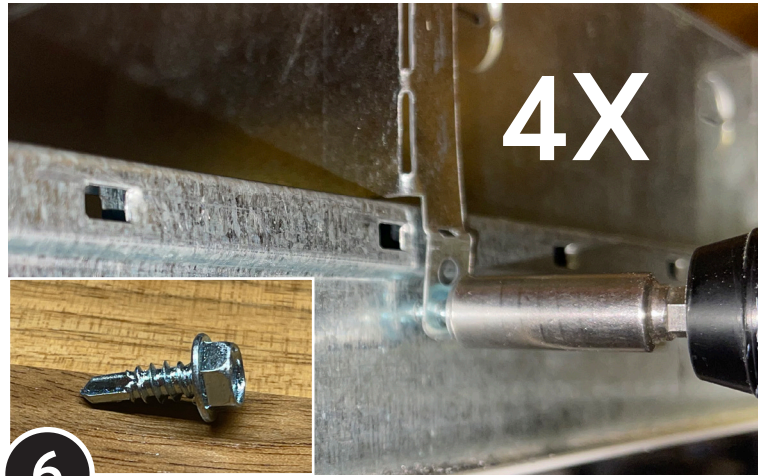
4

Make Sure Grid Box Is Resting Level and "Keyed" Onto Ceiling Grid



5

Bend 4 Tabs To Clamp Ceiling Grid



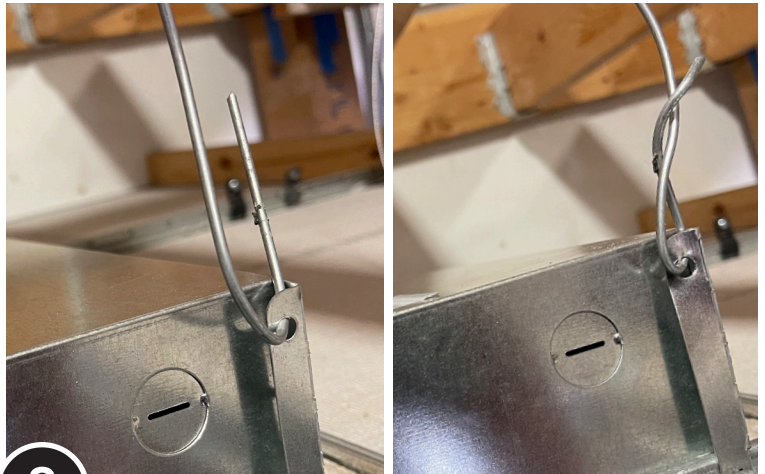
6

Secure Grid Box To Ceiling Grid With #8 Self Drilling Tech-Screws (By Others)



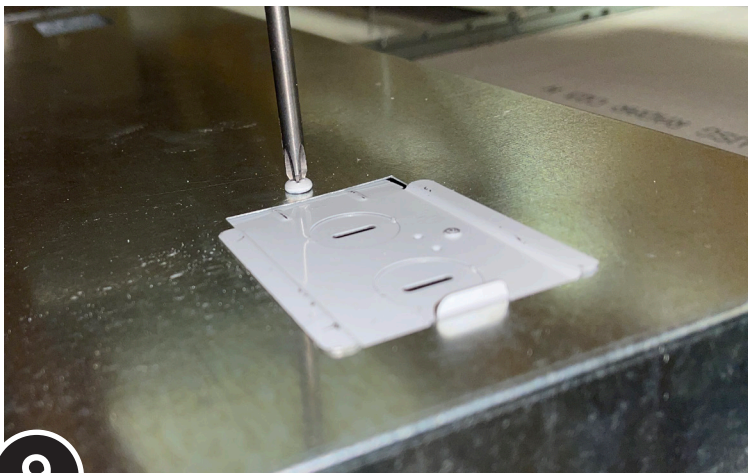
7

Secure Grid Box To Ceiling Grid With #8 Tech-Screws (By Others)



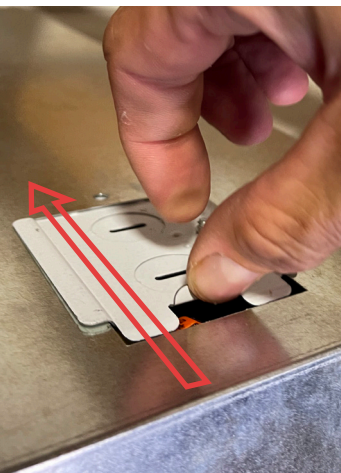
8

Secure Grid Box to Structure Via Tie-Wire (Refer to Local Electrical Code for Required Qty of Connections)



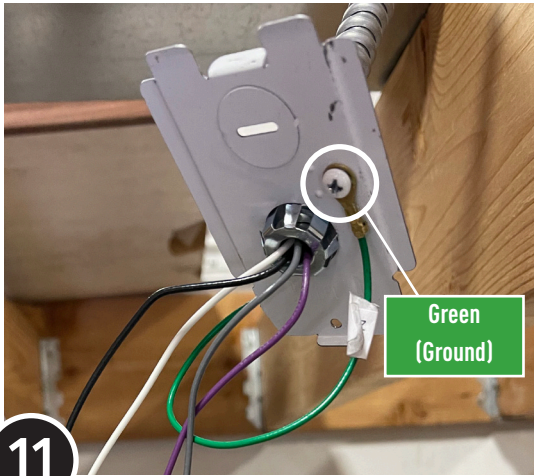
9

Remove Line Voltage Splice Cover With Philips Head Screw Driver



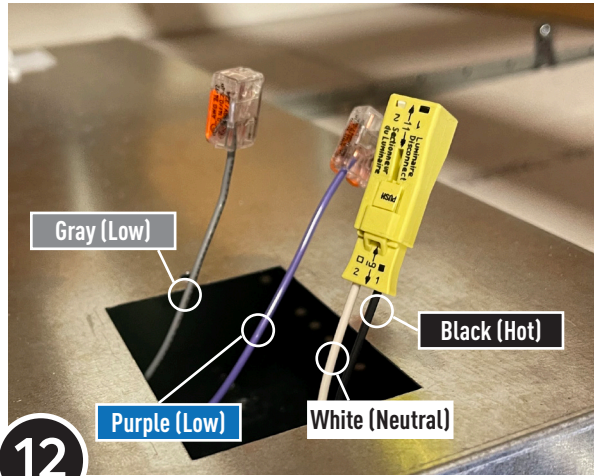
10

Remove 7/8" Knockout



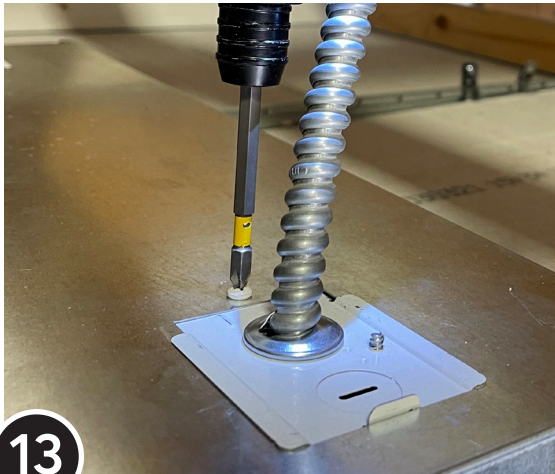
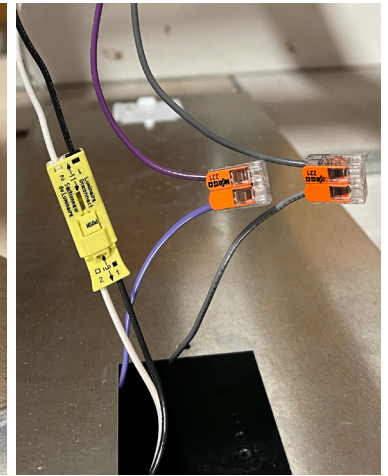
11

Attach Standard 1/2" "Whip" to Splice Cover and Make Ground Connection



12

Make Building Side Electrical Connections (Include Fixture Power and Dimming Control Wires)



13

Re-Attach Splice Cover



14

Locate Grid Clips, Two are required to Hang fixture



15

Manually Snap Each Grid Clip Into Two Parts



16

Locate Grid Clip Screws and Create Grid Clip Assembly



17

Snap Grid Clip Assembly to Ceiling Grid and Connect To Structure Via Tie-Wire (By Others)*





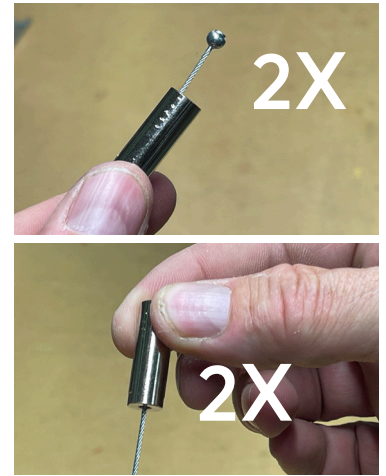
18

Locate Power Cord Canopy and Prep Ceiling Tile



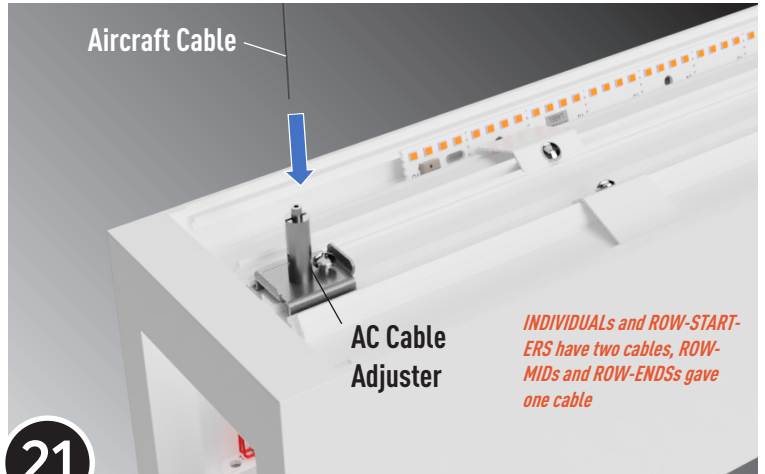
19

Locate Aircraft Cable and Cable Couplers and Create 2 Suspension Cable Assemblies



20

Manually Attach Power Cord and Non-Power Canopies with Suspension Cable Assemblies



21

Insert Aircraft Cable into AC Cable Adjuster

Aircraft Cable

AC Cable Adjuster

INDIVIDUALs and ROW-START-ERS have two cables, ROW-MIDS and ROW-ENDSs gave one cable

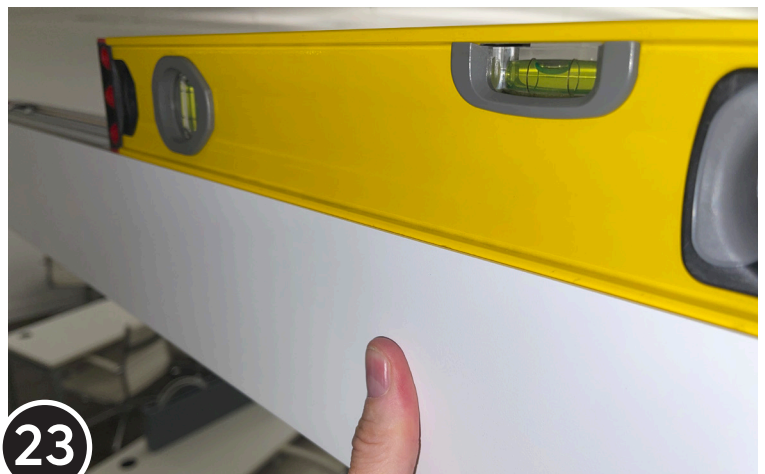


22

Pull Aircraft Cable through "Side-Exit"

Depress plunger and cable slides thru

Side Exit



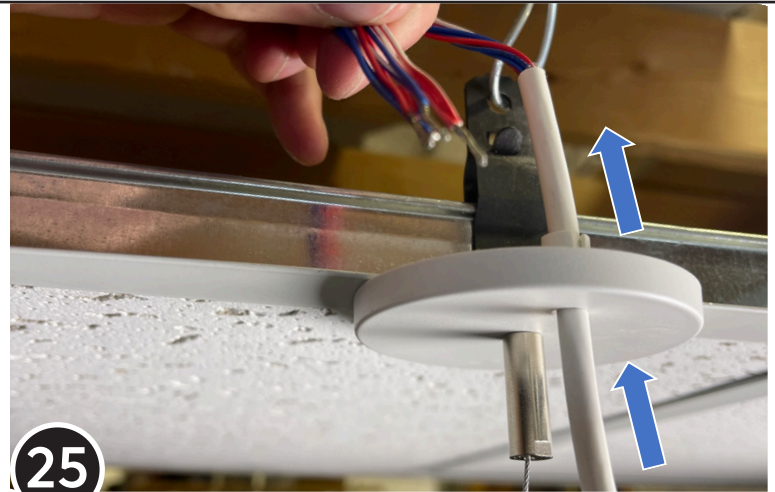
23

Level Fixtures



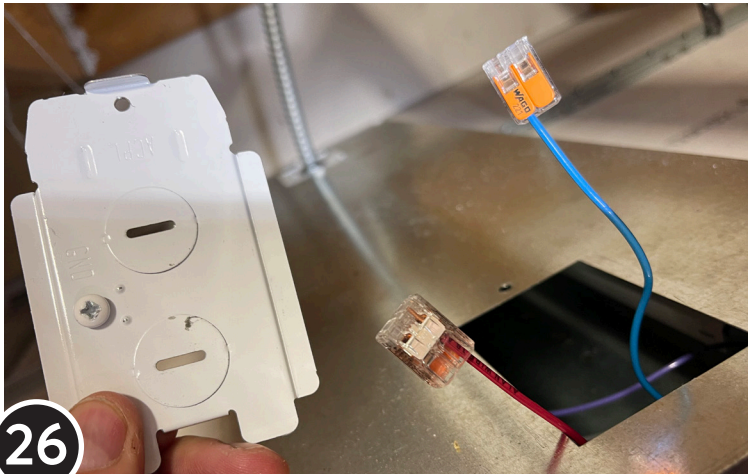
24

Trim Excess Cable Slack



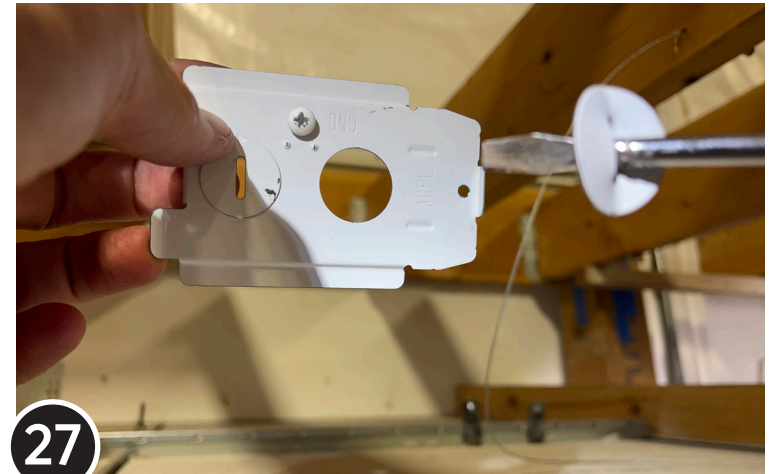
25

Insert Fixture Power Cord Through Canopy



26

Remove Splice Cover on Opposite Side of Driver Box



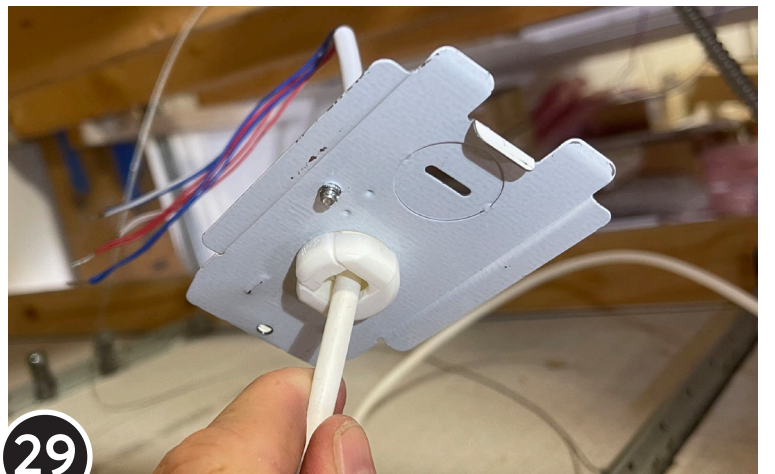
27

Remove 7/8" Knockout



28

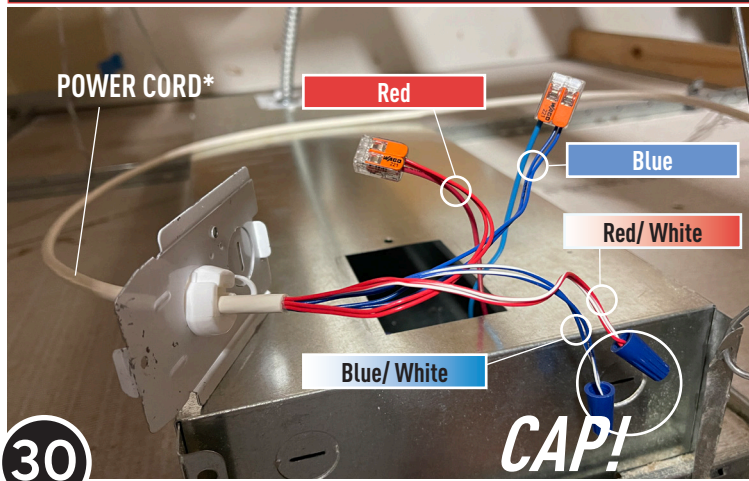
Attach Power Cord Stain Relief



29

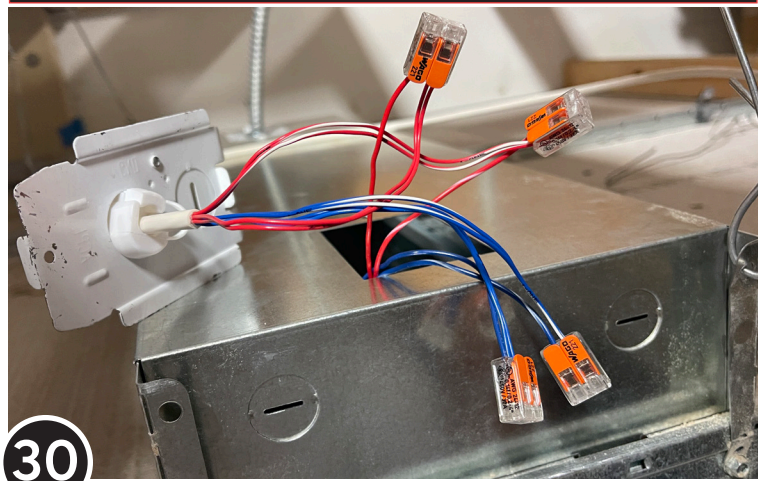
Snap Cord and Stain Relief Into Splice Cover

DIRECT (Downlight Only) FIXTURES

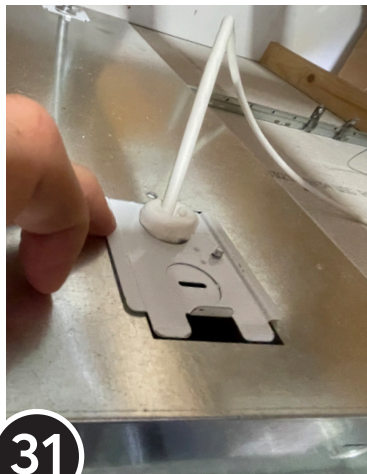


Make Low Voltage Wire Connections to Fixture Power Cord, cap unused red/white and blue/white wires.

BI-DIRECT (Uplight + Downlight) FIXTURES



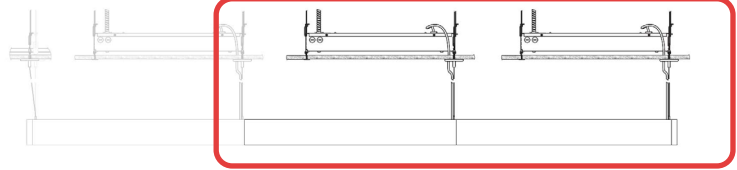
Make Low Voltage Wire Connections to Fixture Power Cord



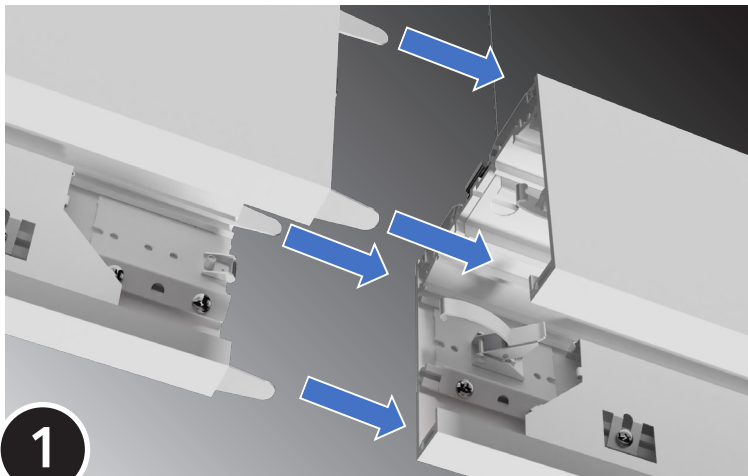
Re-Attach Splice Cover



INSTALLING A MID OR END LUMINAIRE

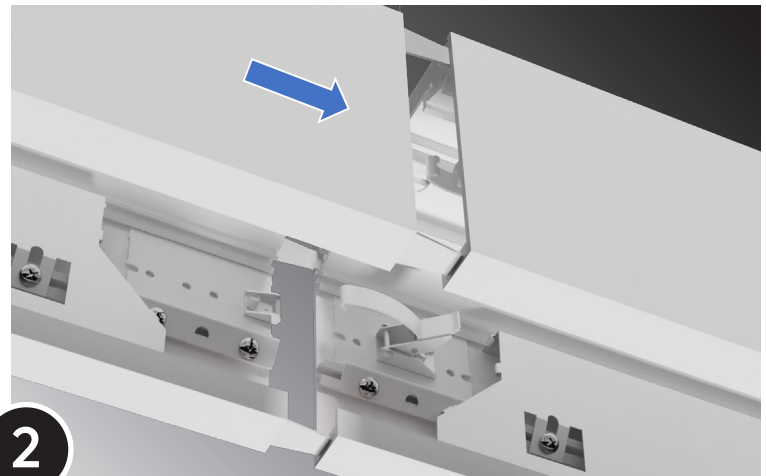


The installation of a MID or END Luminaire is the same as a STARTER except there is only one Power Cord suspension mount required, there will not be a Non-Power mount. The fixture latches to the previous fixture on the non-power side as illustrated below.



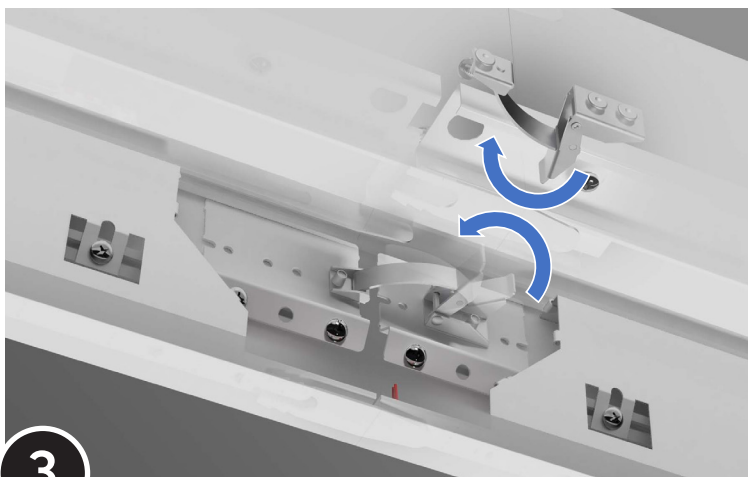
1

Align MID fixture with Aligner-Tabs in Start fixture



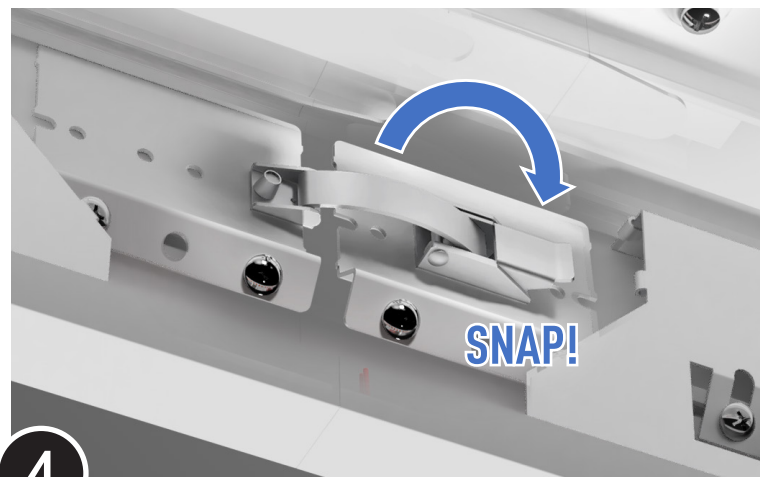
2

Slide fixtures together



3

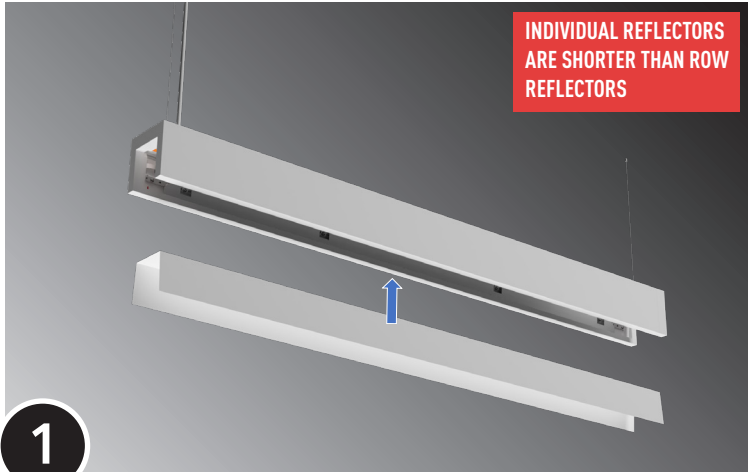
Rotate Joining-Buckles into slot



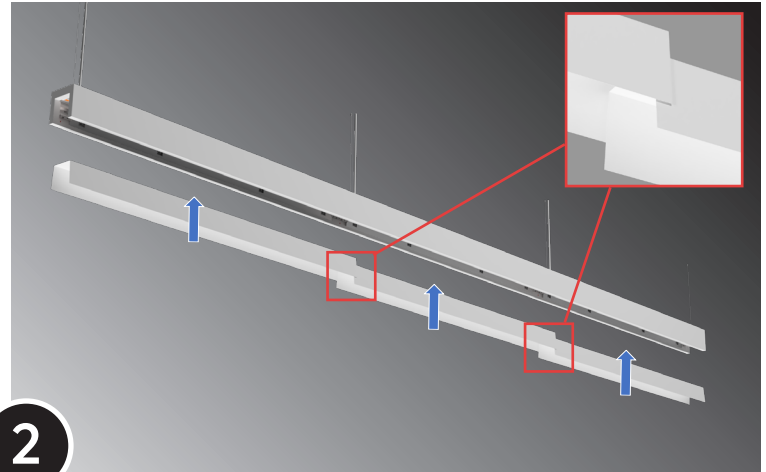
4

Snap buckles for final fixture engagement

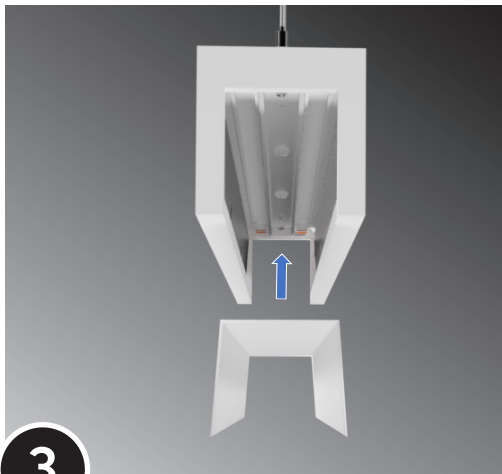
INSTALLING A MID OR END LUMINAIRE



1 Insert Film Reflector into and individual (Glossy Side Up)



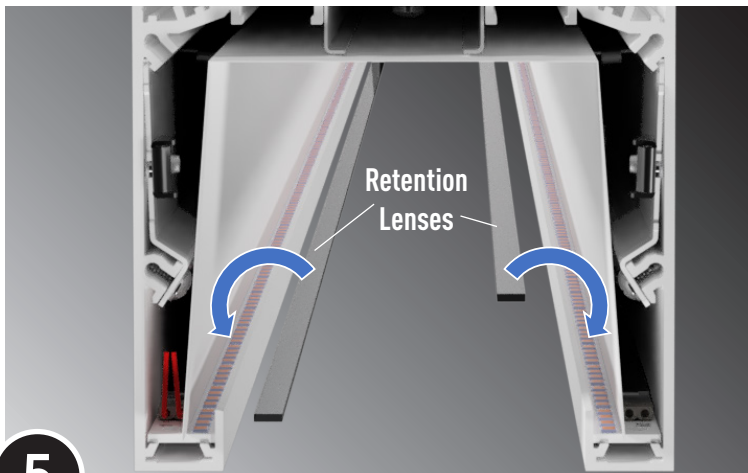
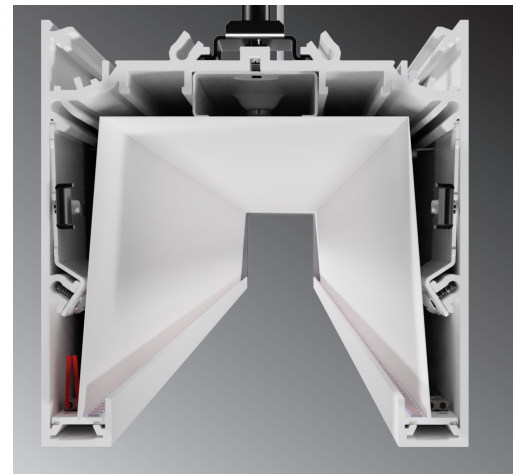
2 or Insert Film Reflector into a row (Glossy Side Up)



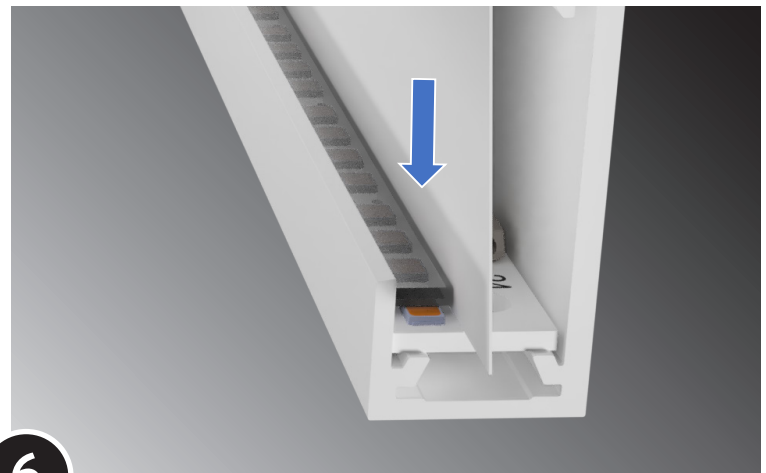
3 Insert Reflector Film (Front View)



4 White Cloth Gloves (by Nulite) are required to avoid smudges



5 Insert clear acrylic retention lenses over each LED strip



6 Retention lens rests directly over LEDs