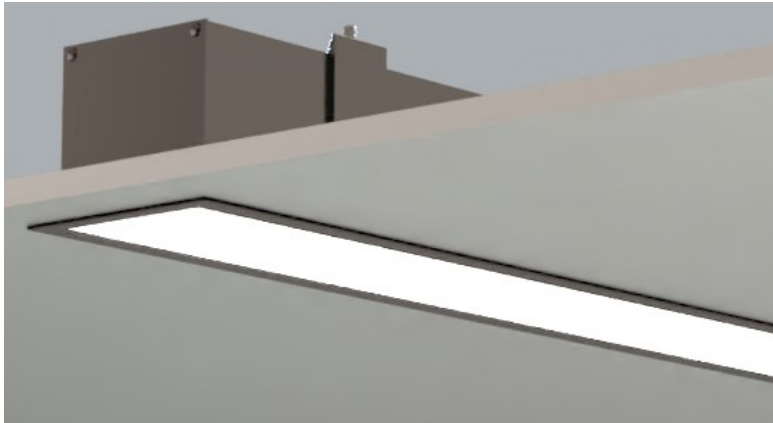


INSTALLATION INSTRUCTIONS













STARTEK

LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1



WARNING

-  **THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**
CE PRODUIT DOIT ETRE INSTALLE SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAIT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHERENTS.
-  **DISCONNECT POWER PRIOR TO ANY INSTALLATION.**
DEBRANCHEZ LE COURANT AVANT TOUTE INSTALLATION.
-  **CAP ALL WIRING CONNECTIONS WITH UL APPROVED WIRE CONNECTORS.**
COUVRIR TOUTES LES CABLES AVE DES CONNECTIONS APPROUVEES (UL).
-  **VERIFY SUPPLY VOLTAGE MEETS LUMINAIRE LABEL SPECIFICATIONS.**
VERIFIEZ QUE LA TENSION SOIT COMPATIBLE AVEC LES CARACTERISTIQUES DU LUMINAIRE MARQUE SUR LETIQUETTE.
-  **ALLOW FIXTURE TO COOL BEFORE TOUCHING HEATSINK OR LIGHT SOURCE.**
LAISSEZ LE PROJECTEUR REFOIDIR AVANT DE TOUCHER LE RADIATEUR OU LA SOURCE DE LUMIERE.
-  **DO NOT ATTEMPT TO OPEN OR MAKE REPAIRS INSIDE LUMINAIRE.**
NE PAS TENTER DOUVRIRE OU DE FAIRE DES REPARATINS A L'INTERIEUR DU LUMINAIRE.
-  **AVOID DIRECT VIEWING OF LIGHT SOURCE.**
EVITEZ DE REGARDER DIRECTMENT LA SOURCE LUMINEUSE.
-  **THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN.**
CE PRODUIT DOIT ETRE INSTALLE PAR UN ELECTRICIEN QUALIFIE.
-  **SUITABLE FOR DAMP LOCATION.**
ADAPTE POUR DES ENDROITS HUMIDES.
-  **MIN 105° C SUPPLY CONDUCTORS.**
MIN 105° C ALIMENTATION CONDUCTEURS.

INSTALLATION INSTRUCTIONS

Provided Parts List

The components have been packed to avoid damage during transit. Inspect the components to confirm there is no physical damage. Do not install damaged components. The carton contains the following:

- ★ Recessed (RECESSEDB) fixture
- ★ Mounting Brackets and Hardware (may be attached to fixture depending on mounting type)
- ★ Lensing (shipped separate from fixtures for Continuous Row installations)
- ★ Installation Manual

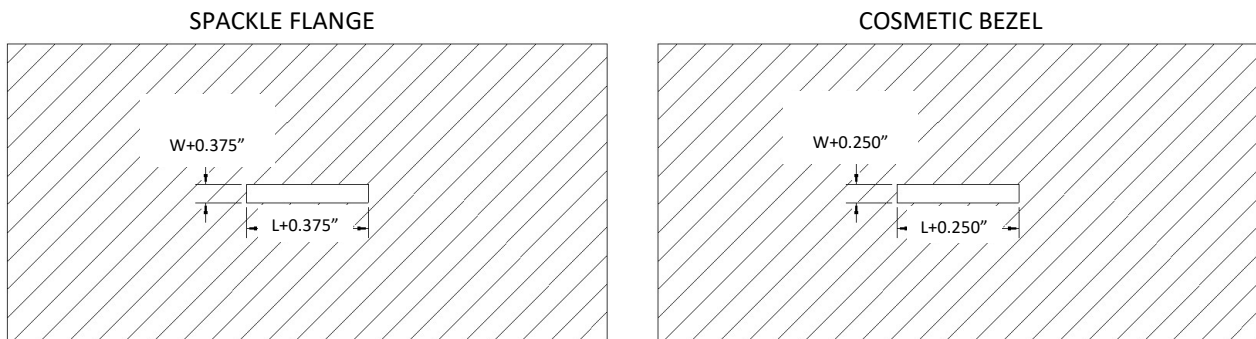
Mounting

Inspect mounting location for damage. Make sure the structure can support the weight of the RECESSEDB fixture. Follow all UL, NEC and minimum load rating guidelines when selecting and installing mounting hardware for the fixture.

- ★ Fixture Weights:
RECESSEDB - 8' (10 lbs. Max)

Rough In Dimension

For length, the rough in dimension is $L + 3/4"$
Where, L = length of the fixture (from endcap to endcap)
For width, the rough in dimension is $W + 1/2"$
Where, W = width of the fixture (3.5")`



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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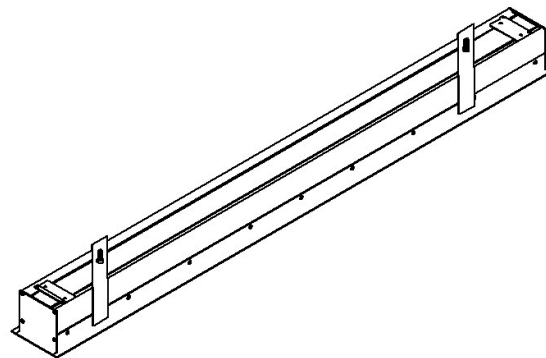
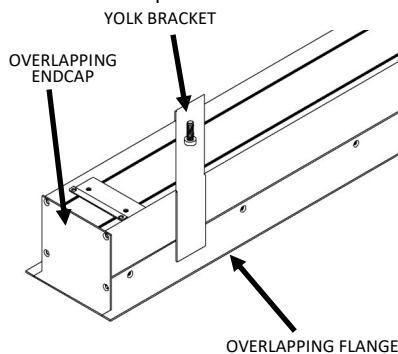
INSTALLATION INSTRUCTIONS

DRYWALL INSTALLATION INSTRUCTION

Drywall Installation can be done in following categories depending on requirements.

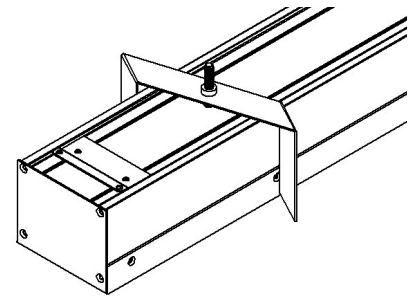
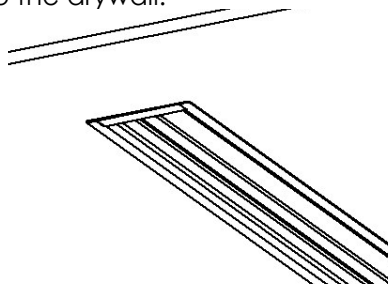
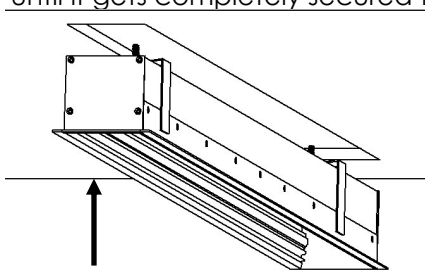
1. OVERLAPPING FLANGE INSTALLATION INSTRUCTION

1. Extrusion will provided with overlapping flange, driver and electrical connections attached to it.

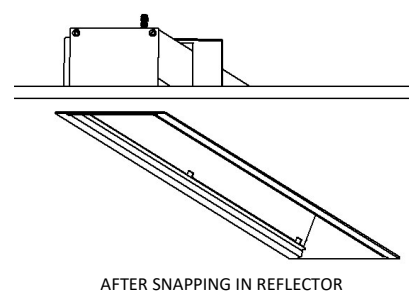
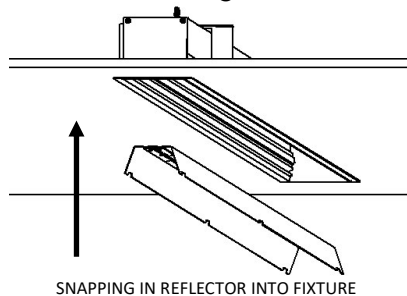


2. Insert the extrusion with overlapping flange into the drywall. Tighten the yolk bracket clockwise to make sure it is completely secured into drywall.

Note: To secure yolk bracket firmly, loosen the #1/4-20 screw, push it all the way up and tighten it until it gets completely secured to the drywall.



3. Connect red and blue wire to the LED board attached to the reflector. Snap in the reflector carefully and make sure the edge of the reflector is sitting on the feature of the extrusion.



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

INSTALLATION INSTRUCTIONS

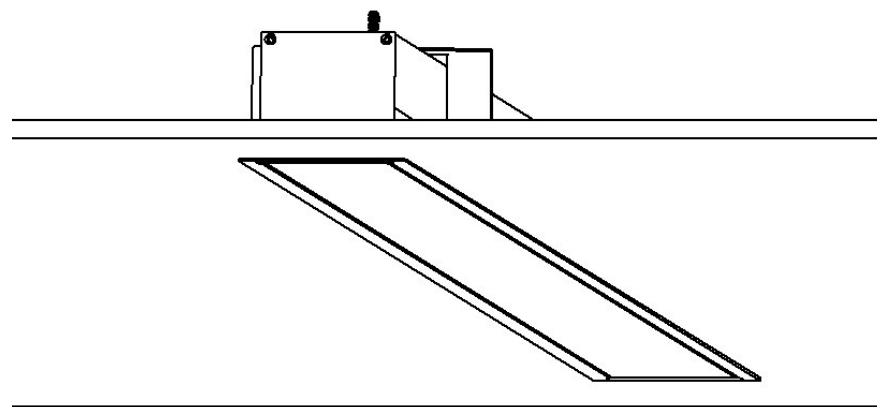
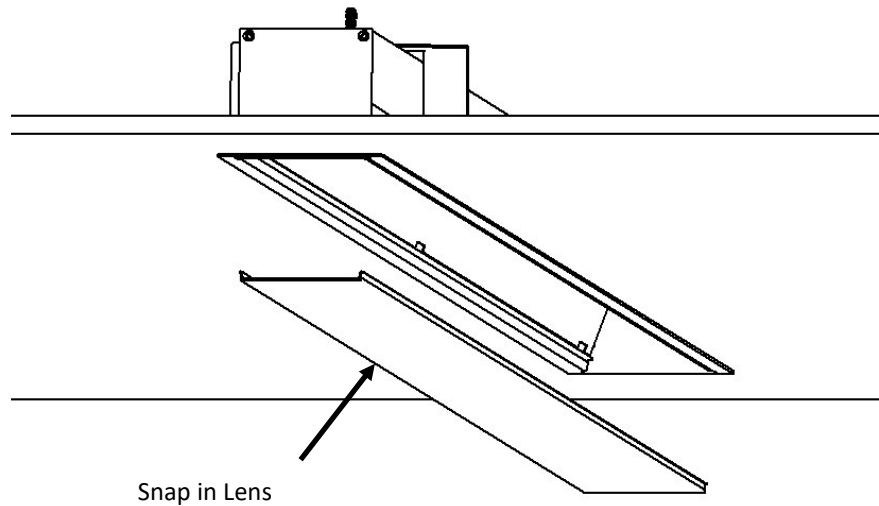


LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

OVERLAPPING FLANGE INSTALLATION INSTRUCTION (CONTINUED)

4. After securing everything snap in the lens with the help of roller provided. Make sure to keep equal pressure while rolling the roller on the lens.



Recessed Beam—Overlapping Flange

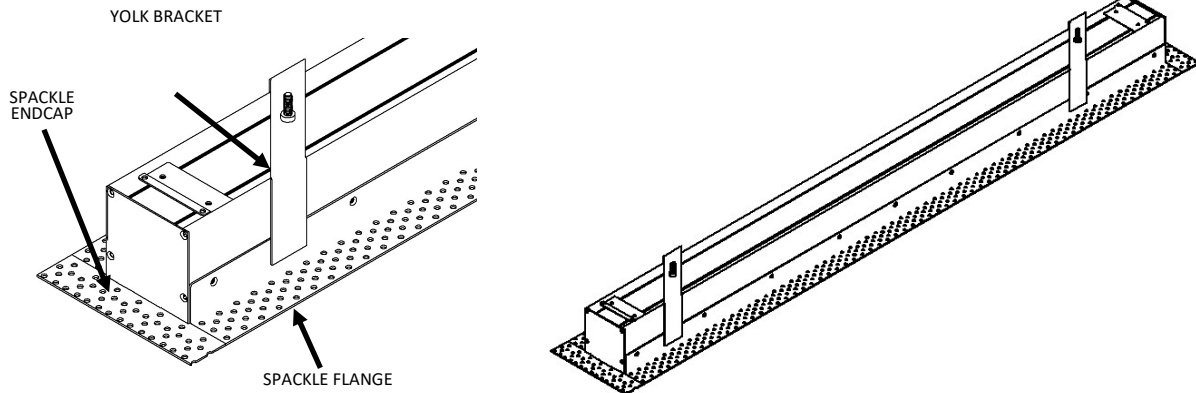
(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

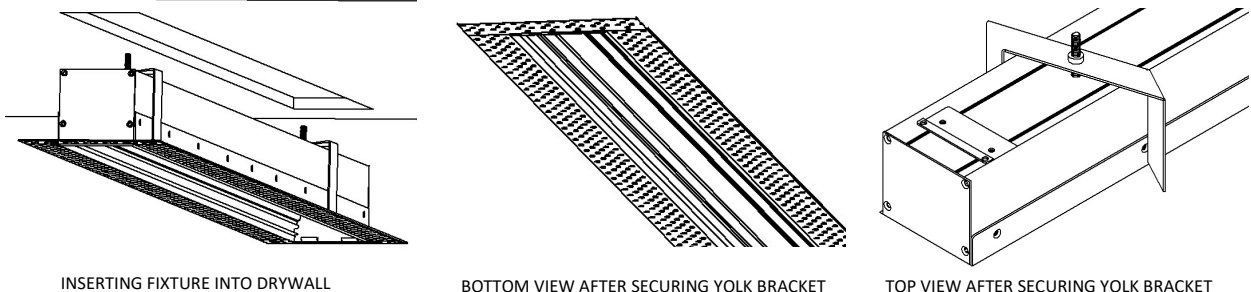
2. SPACKLE FLANGE INSTALLATION

1. Extrusion will provided with Spackle flange, driver and electrical connections attached to it.

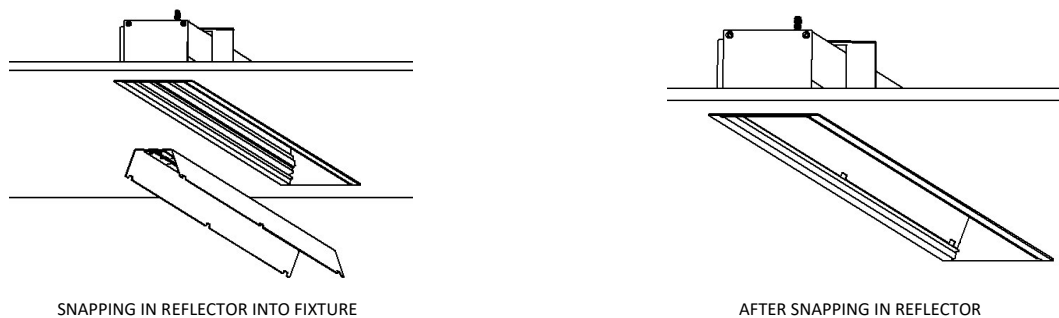


2. Insert the extrusion with spackle flange into the drywall. Tighten the yolk bracket clockwise to make sure it is completely secured into drywall.

Note: To secure yolk bracket firmly, loosen the #1/4-20 screw, push it all the way up and tighten it until it gets completely secured to the drywall.



3. Connect red and blue wire to the LED board attached to the reflector. Snap in the reflector carefully and make sure the edge of the reflector is sitting on the feature of the extrusion.



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

INSTALLATION INSTRUCTIONS

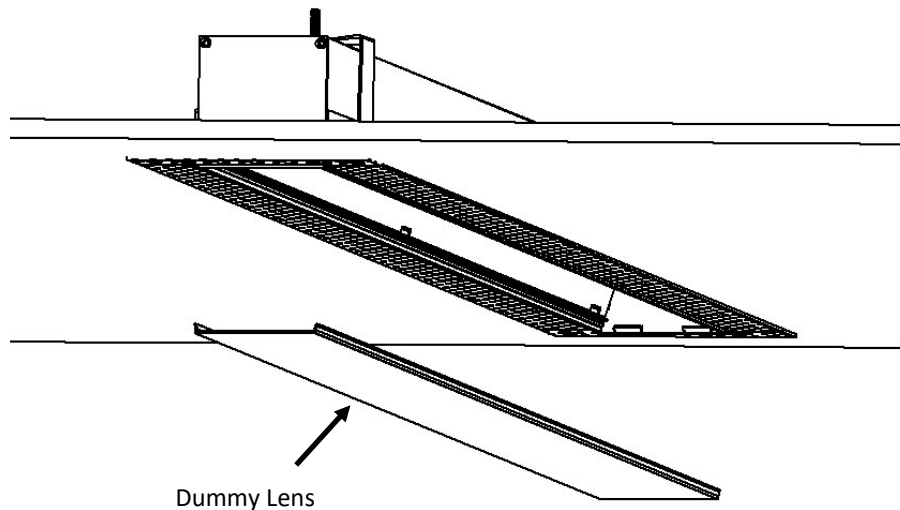


LIGHTING AMERICA

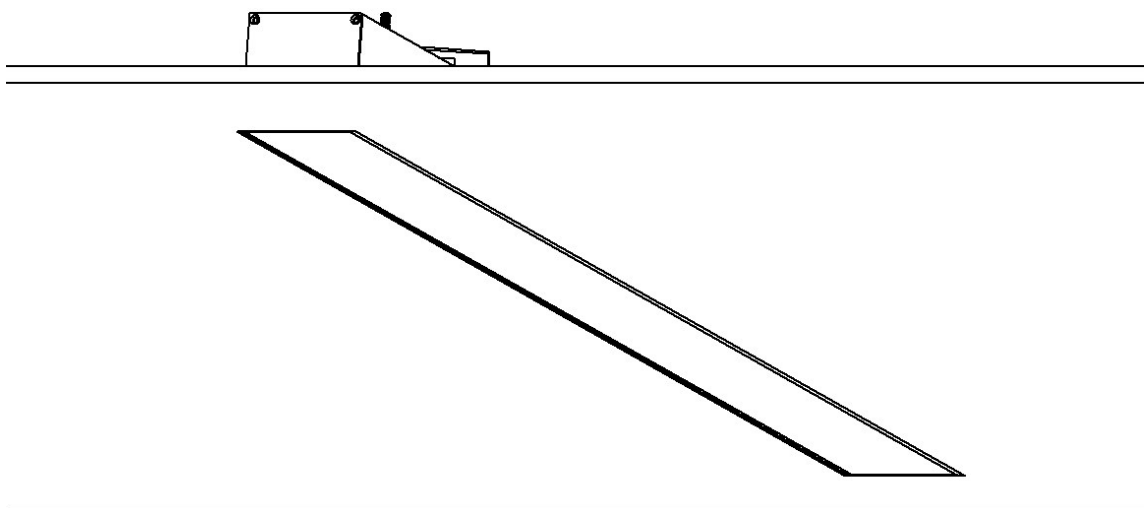
RECESSED BEAM
MODELS # RBEAM
REV. 1

SPACKLE FLANGE INSTALLATION INSTRUCTION

4. Snap in the dummy lens with the help of roller provided. This lens is used for mud in application. After snapping in lens tape down the visible edges, also make sure that the plaster does not go inside the extrusion. After securing dummy lens and tape plaster the spackle flange completely.



After the plaster, take out the tape and dummy lens carefully and snap in the original lens with the help of roller provided. Make sure to keep equal pressure while rolling the roller on the lens.



Recessed Beam—Spackle Flange

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS



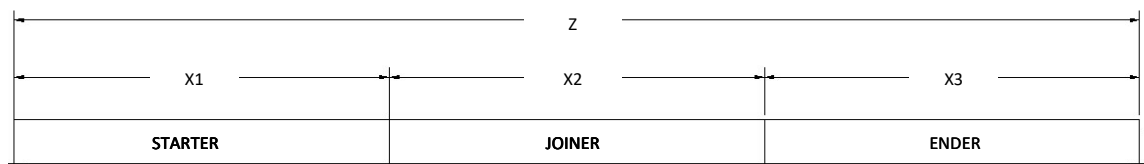
LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

LINKING OF RECESSED BEAM

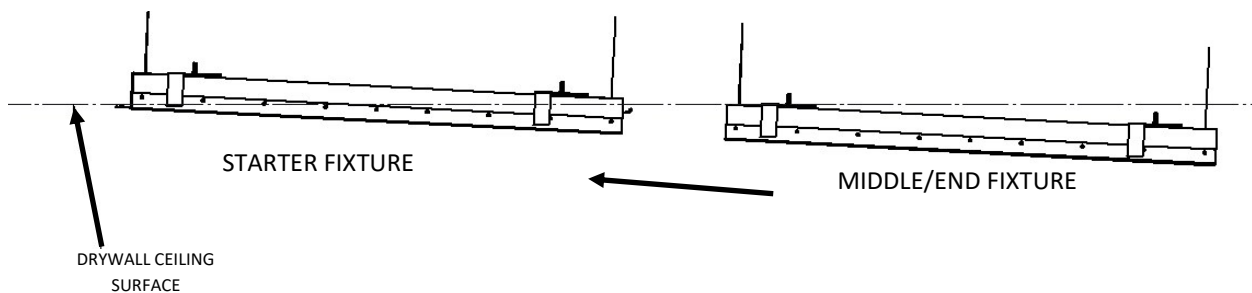
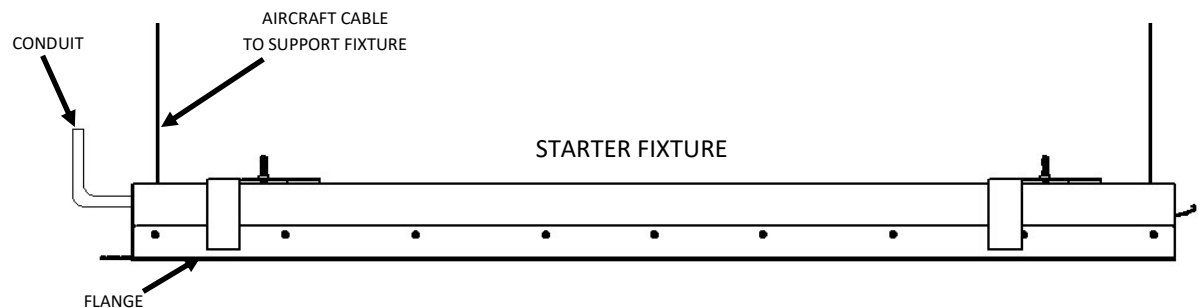
1. Linking procedure is same for spackle flange and overlapping flange. The fixture will be provided with the labeling as a starter, middle and ender. The starter fixture will have one endcap and two flange, joiner will have two flange and ender will have two flange and one endcap at the end. All the fixtures will be linked with the help of latch and keeper .

Total Run Length:



2. Linking starter to joiner:

To link starter fixture to the middle fixture, insert the starter fixture into the drywall and make all the electrical connection to the to the conduit. Support the starter fixture with the help of aircraft cable provided. After making electrical connections, tilt starter fixture slightly at an angle and connect the middle fixture to it. Apply latch and keeper to make linking connection tight and in line.



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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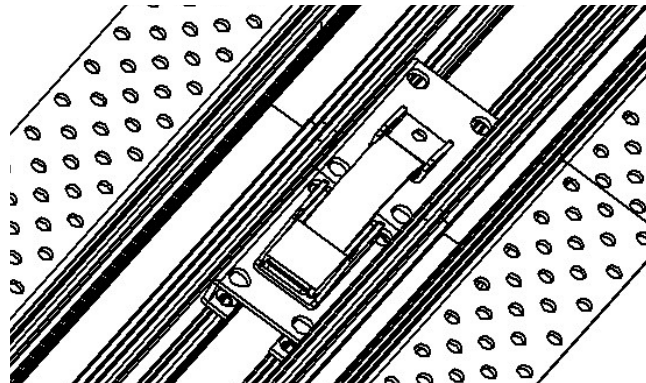
INSTALLATION INSTRUCTIONS



LIGHTING AMERICA

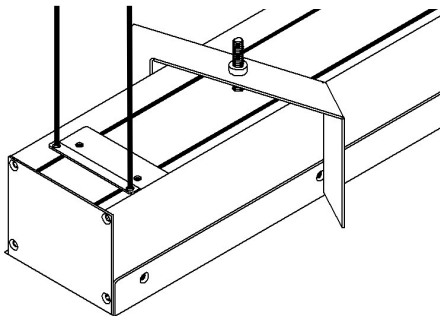
RECESSED BEAM
MODELS # RBEAM
REV. 1

LINKING RECESSED BEAM

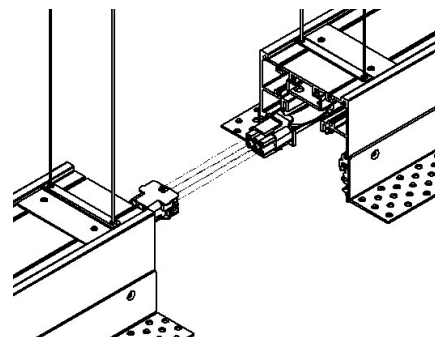


LATCH AND KEEPER LINKING

3. After making all the linking connection, tighten the yolk bracket to the drywall and make sure it is tight equally throughout the fixture. Now connect harnesses.

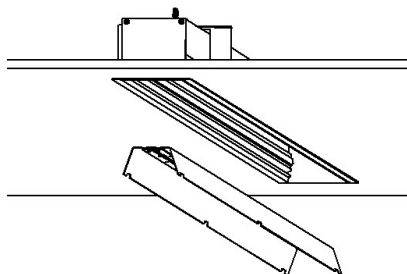


TOP VIEW AFTER SECURING YOLK BRACKET

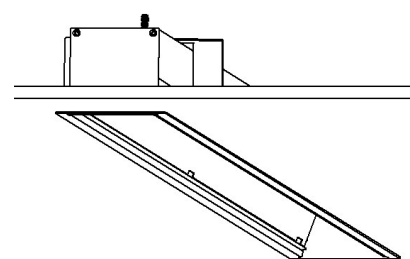


EXPLODED VIEW OF CONNECTING HARNESS

4. Connect red and blue wire to the LED board attached to the reflector. Snap in the reflector carefully and make sure the edge of the reflector is sitting on the feature of the extrusion



SNAPPING IN REFLECTOR INTO FIXTURE



AFTER SNAPPING IN REFLECTOR

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS



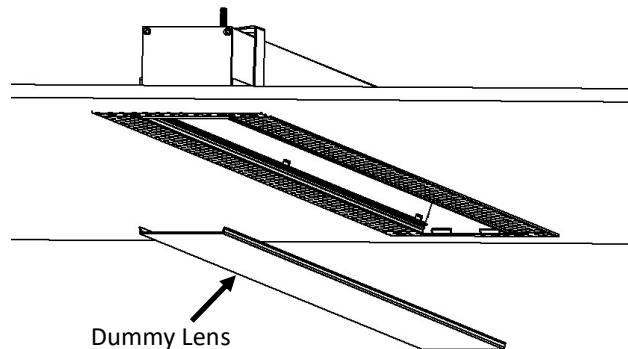
LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

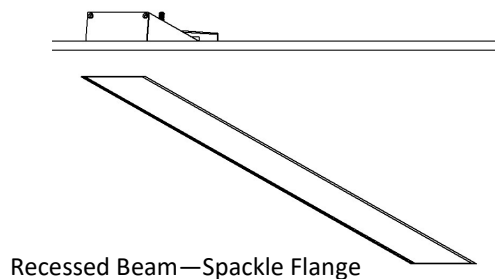
LINKING RECESSED BEAM

5. **Only for spackle flange:**

Snap in the dummy lens (provided) with the help of roller provided. This lens is used for mud in application. After snapping in lens tape down the visible edges, also make sure that the plaster does not go inside the extrusion. After securing dummy lens and tape, plaster the spackle flange completely.

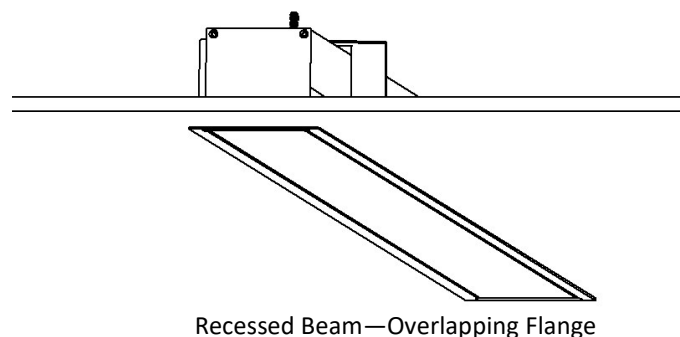


After securing everything snap in the lens with the help of roller provided. Make sure to keep equal pressure while rolling the roller on the lens.



6. **Only for overlapping flange:**

After securing everything snap in the lens with the help of roller provided. Make sure to keep equal pressure while rolling the roller on the lens. For more information of lens cutting please see page ()



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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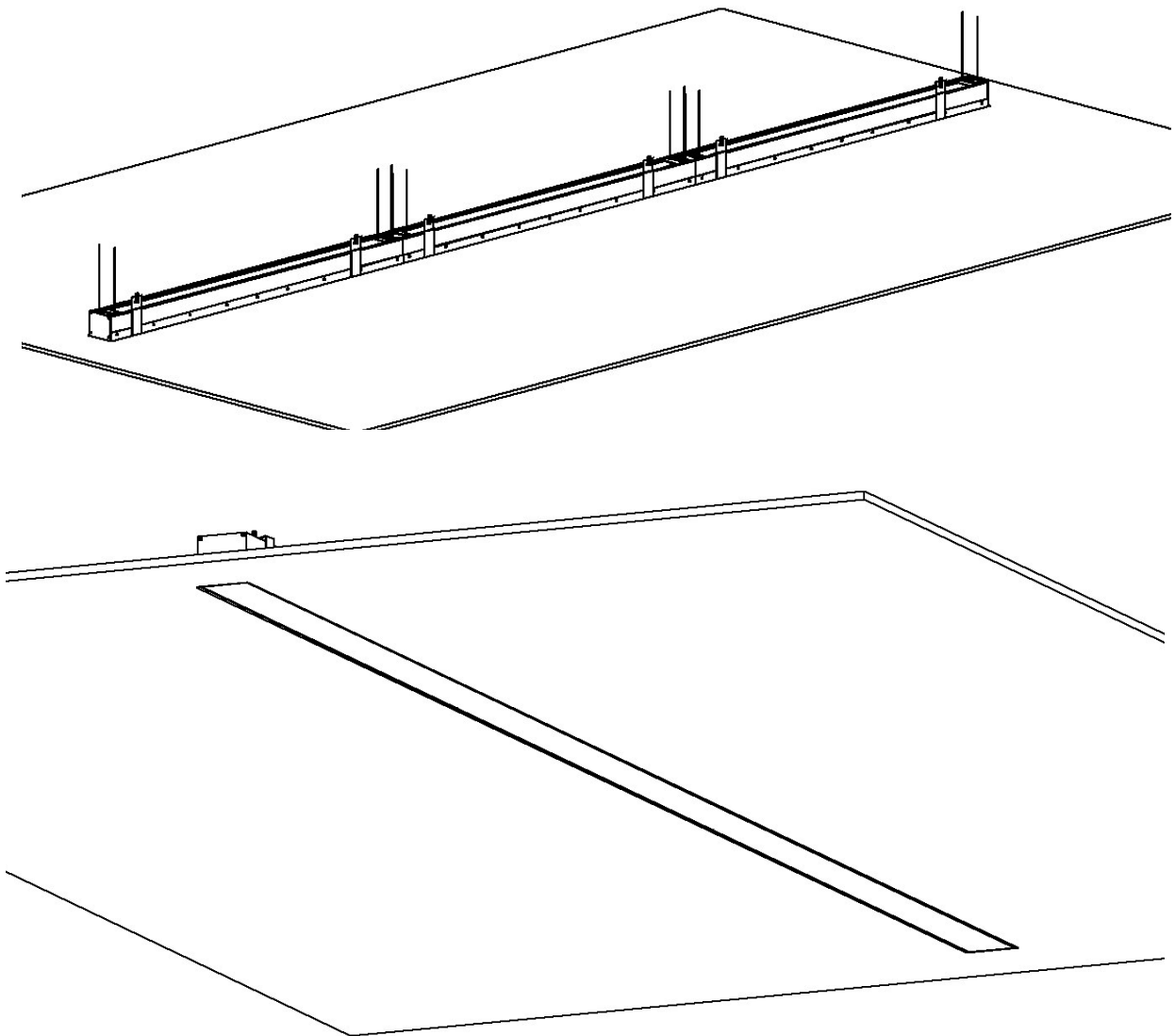
INSTALLATION INSTRUCTIONS



LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

LINKING RECESSED BEAM



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

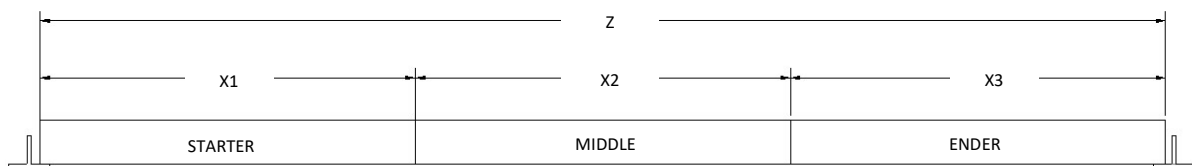


T-Bar Installation Instruction

1. Layout:

The installation instruction of T-bar is same with all the different mounting types.

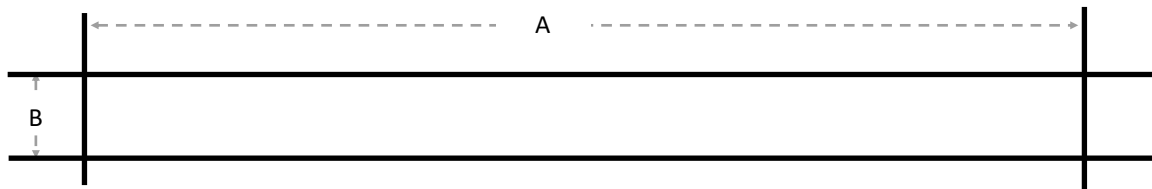
Total run layout :



Where, Z = total length of the run (endcap to endcap)

X1, X2 and X3 = lengths of the extrusion

2. Dimensions of T-Bar :



Where , A = total length of the run (Z) +1

B = T-Bar Width (Mentioned in Mountings)

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

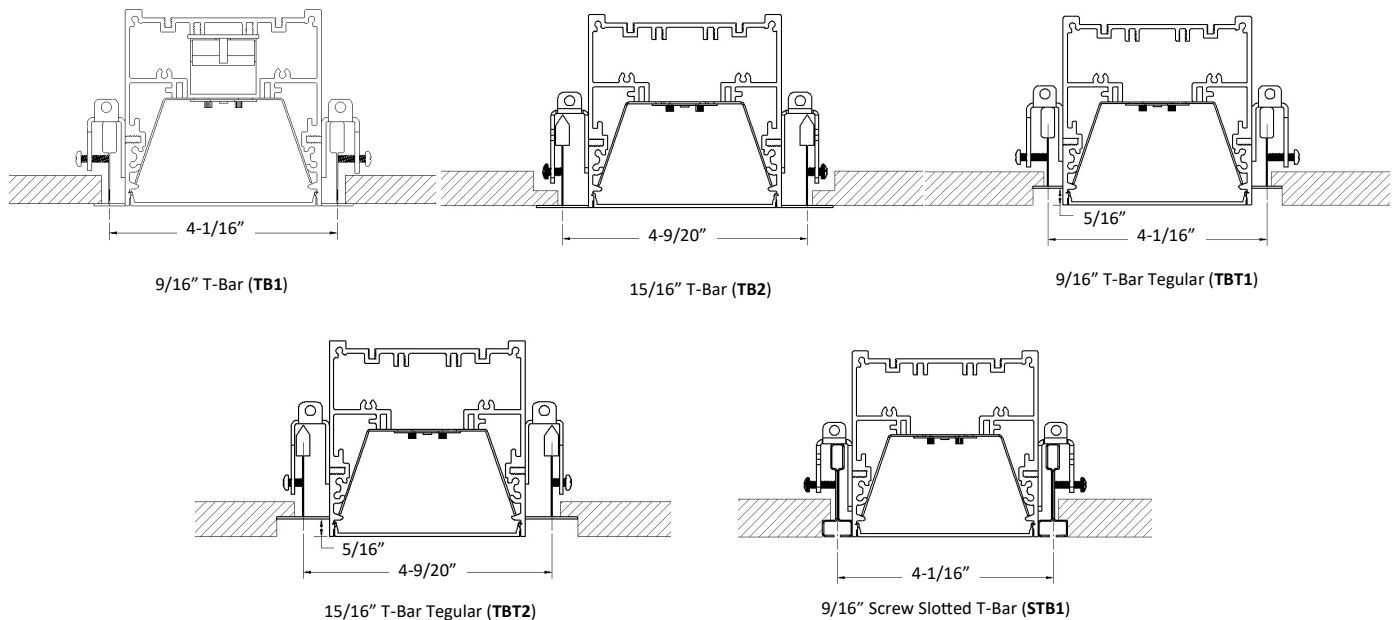


LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

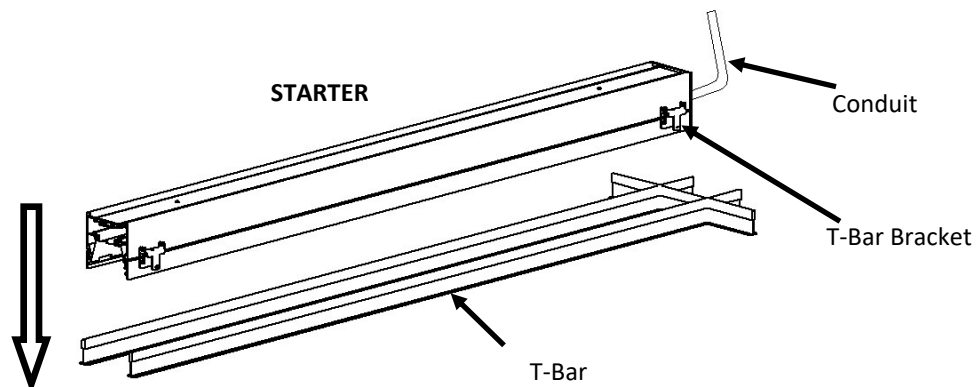
T-Bar Installation Instruction

1. Mounting Options:



2. Mounting starter fixture to T-Bar:

Make all the electrical connection from the conduit to the fixture. After making electrical connection, carefully drop the fixture down such that the T-bar bracket will sit on the T-Bar Structure. Adjust the fixture such as the base of the T-bar will touch to the side wall of the extrusion.



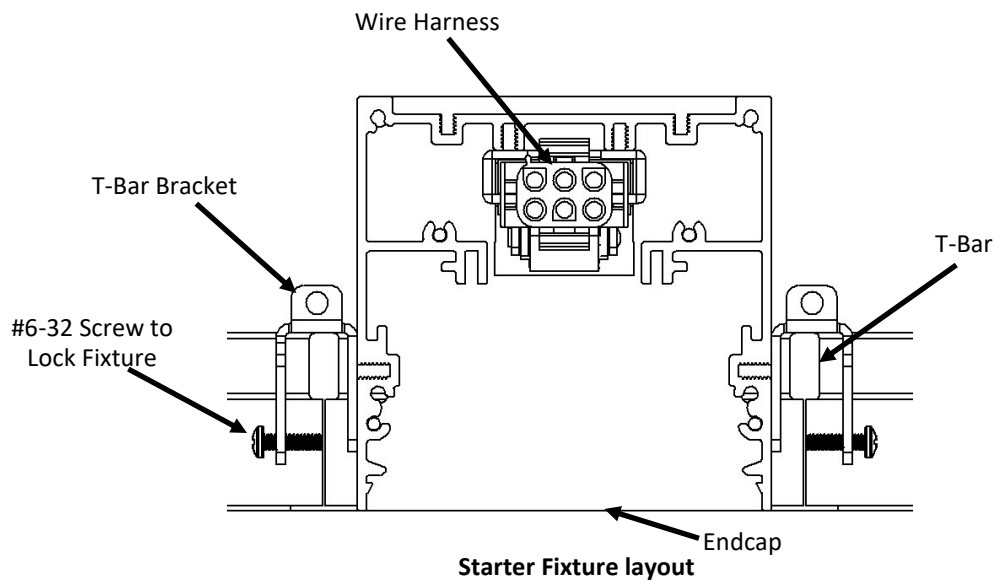
(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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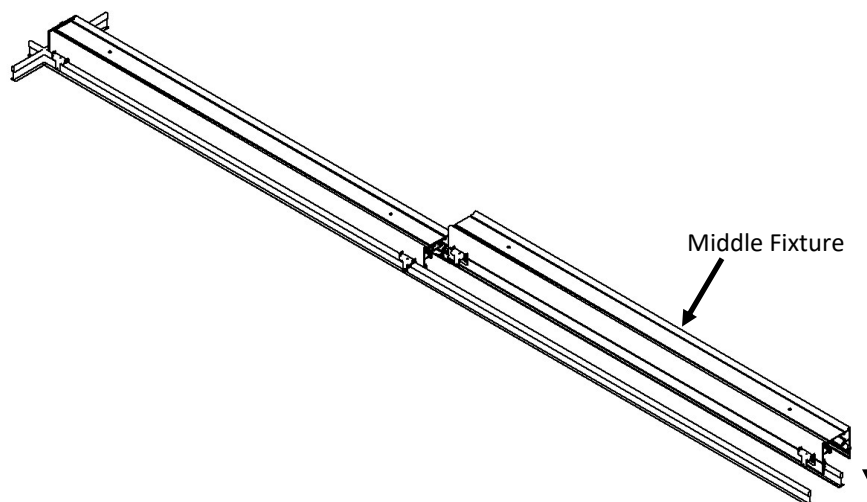
INSTALLATION INSTRUCTIONS

T-Bar Installation Instruction

3. After laying out the starter fixture, tight the #6-32 screw firmly on all four sides. Make sure the electrical connections are done perfectly.



4. To link middle fixture to starter fixture, Drop the middle fixture carefully so that the T-bar bracket will sit on the T-bar structure.



Connecting starter fixture to middle fixture

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

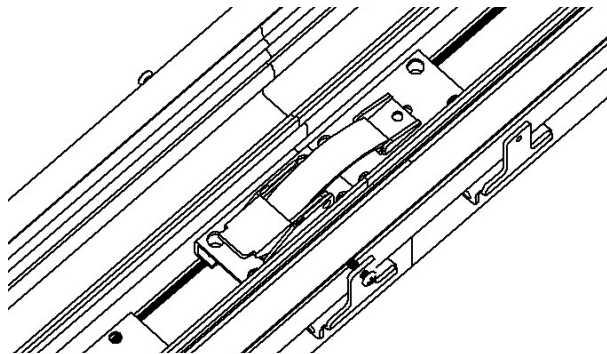
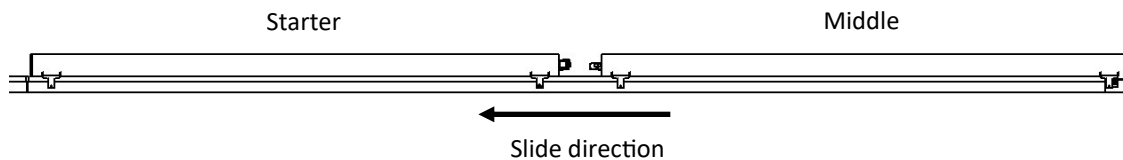


LIGHTING AMERICA

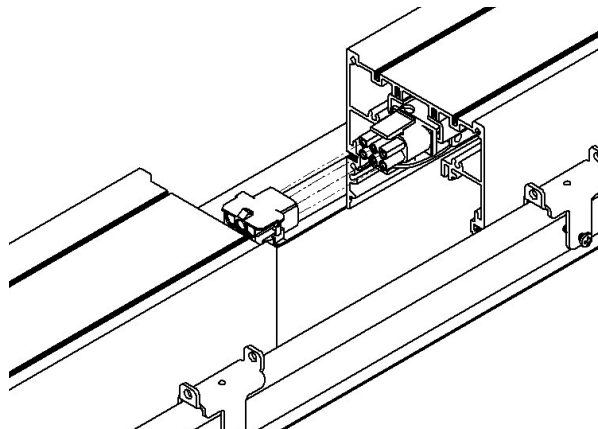
RECESSED BEAM
MODELS # RBEAM
REV. 1

T-Bar Installation Instruction

5. Slide the Middle fixture slightly towards the starter fixture and link both together with the help of latch and keeper. Make the electrical connection by connecting wiring harness together.



Latch and keeper connection



Exploded view of wiring harness connection

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

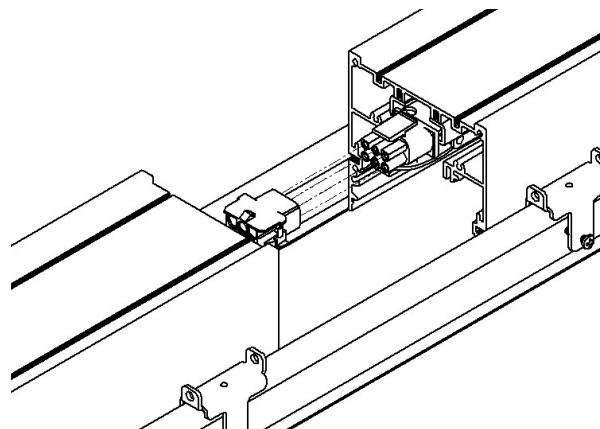
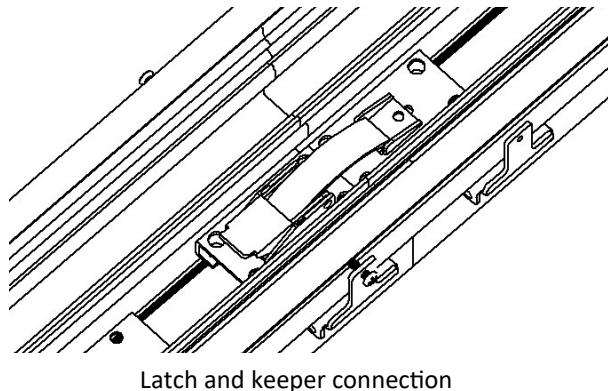
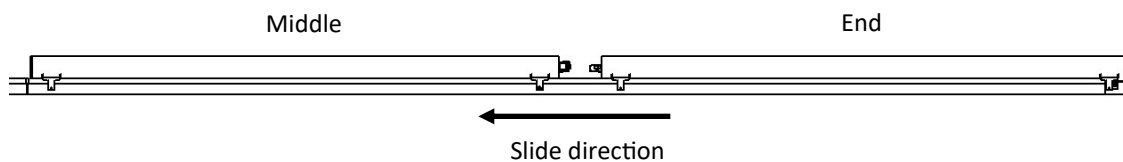


LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

T-Bar Installation Instruction

6. Follow the same procedure for the end fixture to the middle fixture with the help of latch and keeper. Make the electrical connection with the help of wiring harness.



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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INSTALLATION INSTRUCTIONS

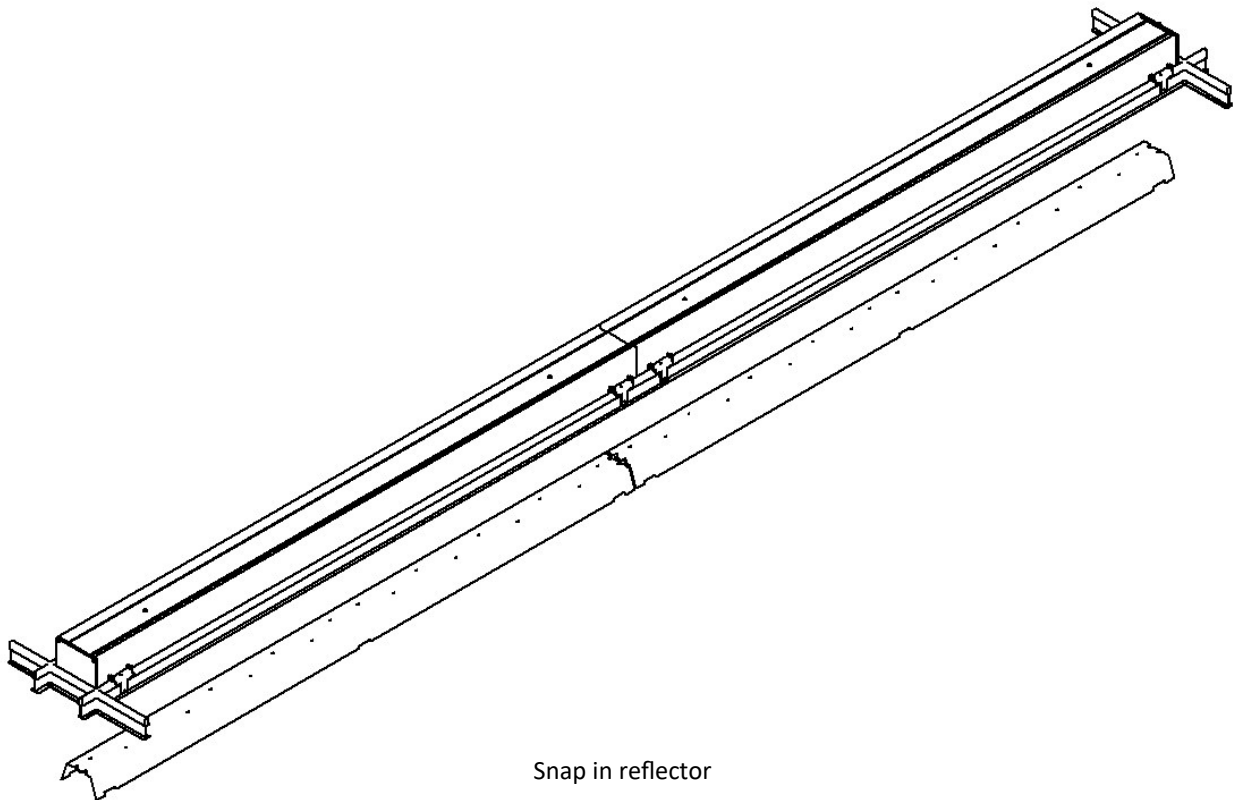


LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

T-Bar Installation Instruction

7. Reflectors are provided with the LED board in it. Connect **red** and **blue** wire from the driver to the LED board . After making the electrical connection, snap in the reflector to the respective fixture.
Note: Make sure the edge of the reflector sits well on the snap in feature of the recessed extrusion.



8. After securing everything snap in the lens with the help of roller provided. Make sure to keep equal pressure while rolling the roller on the lens. For more information of lens cutting please see page ().

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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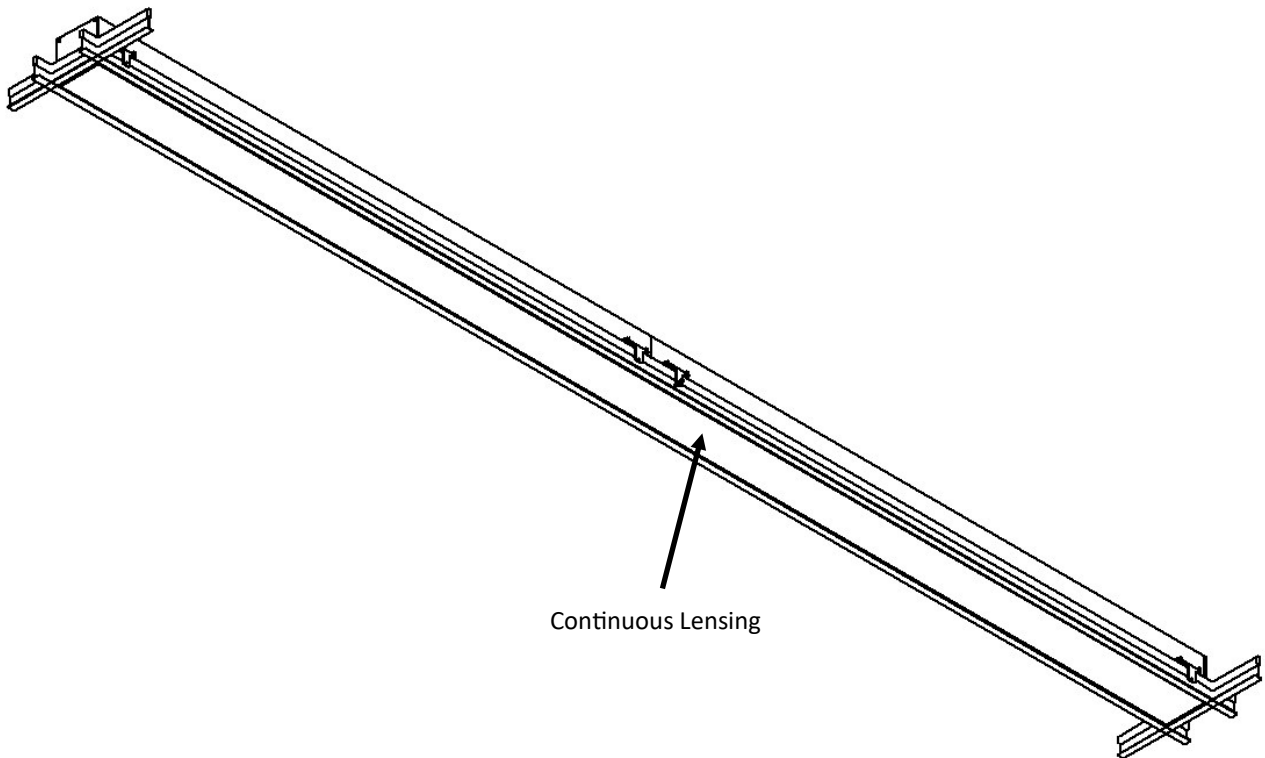
INSTALLATION INSTRUCTIONS



LIGHTING AMERICA

RECESSED BEAM
MODELS # RBEAM
REV. 1

T-Bar Installation Instruction



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

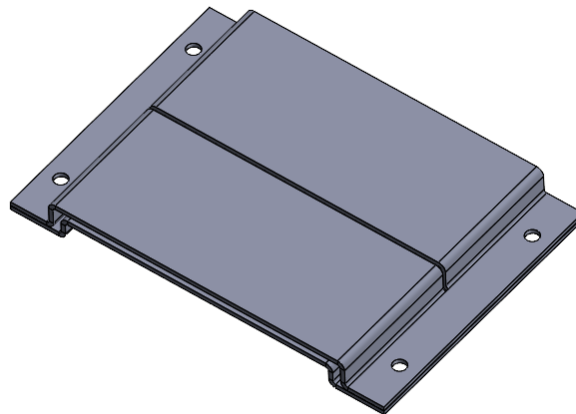
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INSTALLATION INSTRUCTIONS

CONTINUOUS LENSING

The Recessed Beam provided with a continuous rolled lens for any fixture length over 8'. This provides a superior lens aesthetic by eliminating any light leak throughout the entire length of the fixture. Our proprietary lens material retains no memory, so after the lens is uncoiled, it returns to a completely flat state, making installation effortless.

Included with the lens, you will have received a lens cutting guide, Sheet metal jig for lens cutting and a retractable razor. These will be in their own zip-loc bag, so please examine the packaging material of your fixture to ensure this does not get discarded. Please ensure you have all of these items available when beginning these instructions.



(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

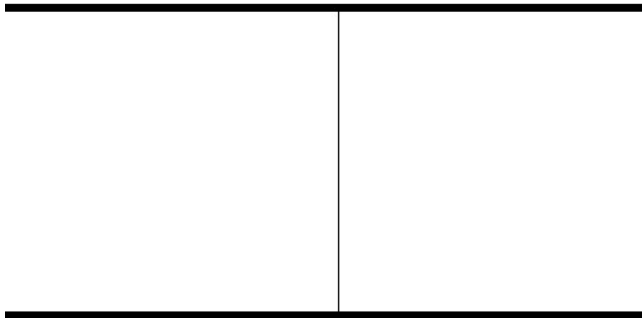
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INSTALLATION INSTRUCTIONS

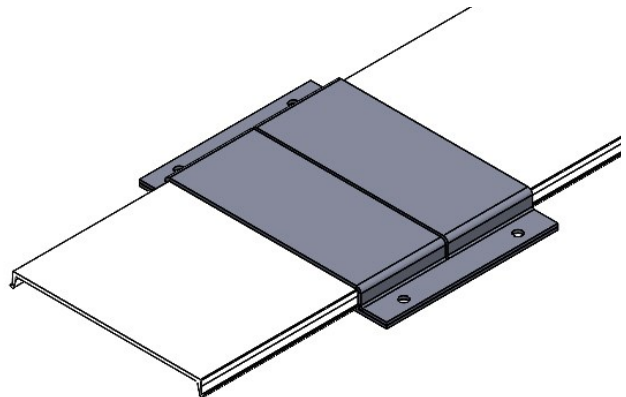
CONTINUOUS LENSING

Cutting the lens:

- 1) Mark a line on the lens at particular length that you want to cut
- 2) Slide in the lens through the lens cutting jig. Make the sure the marked line is in level with slot on the jig.
- 3) Use the razor provided to score the line one the lens carefully .
- 4) After few score line, take out the jig and break the lens with the help of hand .



MARKED LENS



SLIDING LENS INTO JIG

(Mounting accessories shown in contrasting color to provide detail. Fixtures are shipped with matching mounting accessories, unless specified otherwise.)

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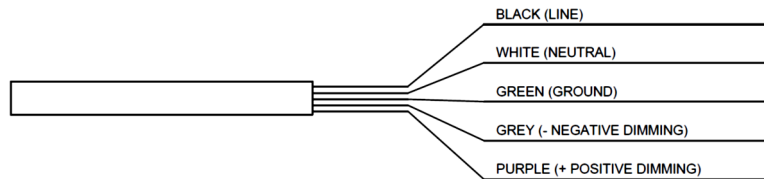
INSTALLATION INSTRUCTIONS



RECESSEDB Installation

Individual Fixture Installation

1. Power must be turned OFF prior to disconnecting or reconnecting the BEAMLD fixture
2. If fixture is not fitted with existing plug, connect fixture wiring to line side wires. Use only UL listed wiring devices. Purple and Gray leads are used for 0-10 dimming ONLY. Cap wires if not used (see below). The wiring inside the fixtures is rated 14AWG. Line side wiring connected by the installer must be rated for the load per (NEC) National Electric Code and/or local electric code. *



3. Restore power and verify operation.