

INSTALLATION INSTRUCTIONS



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 DOUVIRIR 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 ITRE INSTALLE PAR UN ELECTRICIEN QUALIFIE.
SUITABLE FOR DAMP LOCATION.
ADAOTE POUR DES ENDROITS HUMIDES.
MIN 105° C SUPPLY CONDUCTORS.
MIN 105° C ALIMENTATION CONDUCTEURS.

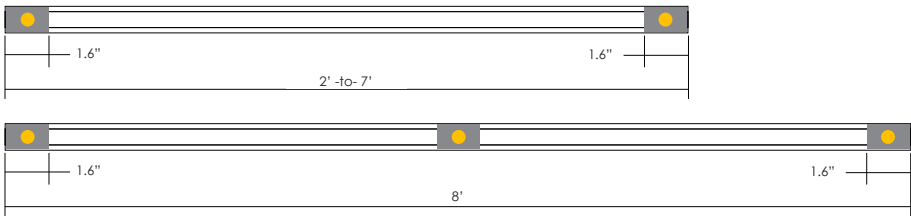


ACOUSTIC
SLIM BEAM

INSTALLATION INSTRUCTIONS

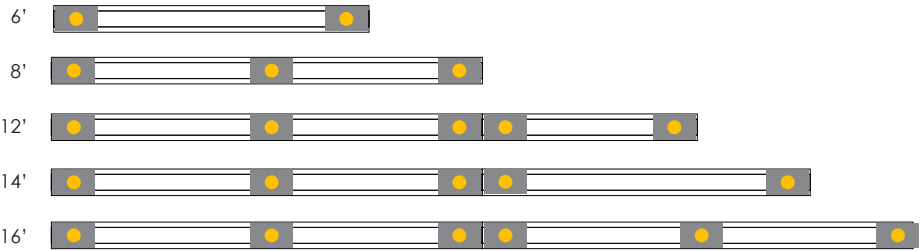
Mounting Locations

Mounting locations (●) vary due to length. Views below show top of fixtures and their hole location. Mounting requires the application of screws into the drywall bezel. Please see below of mounting locations as these vary based on length of the fixture.



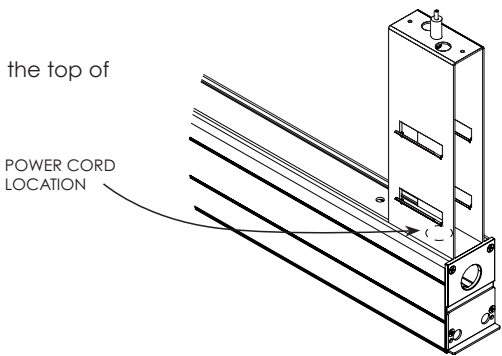
Row Configurations

Mounting loctions (●) vary due to length as detailed above. There will always be (2) mounting brackets - connected by a vertical constraint bracket - next to one another where two fixture lengths meet.



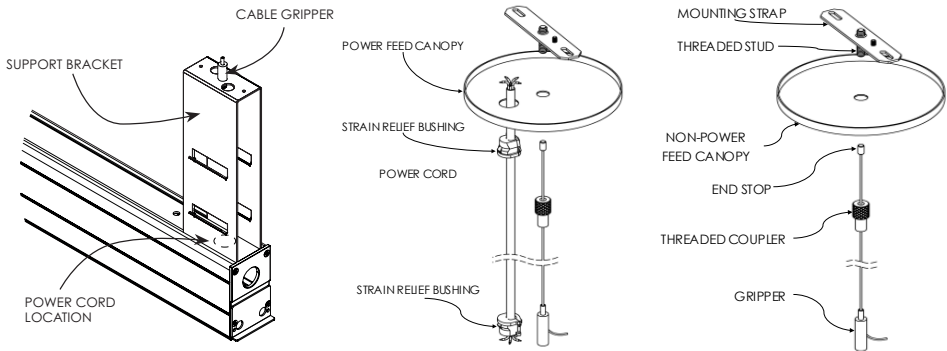
Power location

The standard power location hole is on the top of the fixture.

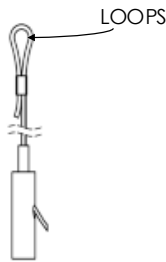


Mounting Options

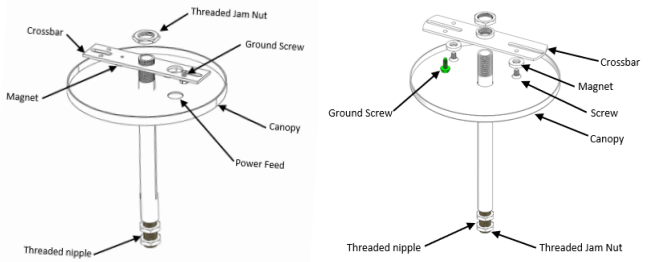
ACxxx



ALxxx



SMCxxx

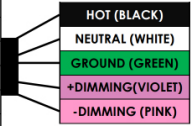


Driver Wiring Diagram

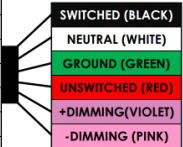
Wiring configurations are dependent on the options chosen. Below are a few examples of our standard wiring that is used to power the fixture.

Note: DO NOT PUT LINE VOLTAGE INTO THE PINK AND VIOLET WIRES, THIS CAN DAMAGE THE DRIVER

WIRING	
HIGH VOLTAGE	LOW VOLTAGE
18 GA	
H = HOT	+D(V) = +DIMMING
N = NEUTRAL	-D(G) = -DIMMING
GND = GROUND	



WIRING	
HIGH VOLTAGE	LOW VOLTAGE
18 GA	
S = SWITCHED	+D(V) = +DIMMING
N = NEUTRAL	-D(G) = -DIMMING
U = UNSWITCHED	
GND = GROUND	



This wiring diagram is showing a standard set of wires for a basic fixture.

This wiring diagram is showing a set of wires for a fixture with a emergency battery.

INSTALLATION INSTRUCTIONS

Individual Fixture

Preparation:

1. Luminaire ships in 3 boxes
 1. Luminaire
 2. Acoustic Panels
 3. Accessory suspension cable or stem
2. Take luminaire and all accessories out of packaging
3. Mounting centers on luminaire 1.60" from the edge of the endcap
4. Power cable is factory installed on feed end

Installation:

1. Attach cable grippers to support bracket located on each end of the luminaire using a Philips head screw (See figure 1)
2. Prepare ceiling mounting (See Page 2)
3. Install mounting strap to ceiling using customer provided screws. Mounting strap on feed end must be secured to customer supplied junction box (see figure 3)
4. Using a 2 person crew, route 1/16" diameter steel cable from ceiling canopy down to cable gripper. To adjust cable/luminaire height, depress plunger on the cable gripper. Caution: BE CERTAIN TO SUPPORT LUMINAIRE INDEPENDENTLY OF 1/16" STEEL CABLES WHEN DEPRESSING PLUNGER
5. Route power cord from luminaire up through the canopy, adjust cord length accordingly, and secure strain relief bushing (See figure 2.)
6. Connect power.
7. Unpack acoustic trim panels (panels come shipped with brackets mounted) and identify side trim panels (marked for left and right side mounting) and endcap trim panels (See figure 4.)
8. Take side trim panel and align panel cleats with support bracket cleats, and slide panel down.
TIP: Keep trim panel vertical when sliding down for smoother installation (See figure 5.)
9. Repeat step 8 for other side panel
10. Adjust trim panels horizontal position along the fixture so that the inside edge of chamfer aligns with edge of cosmetic bezel on endcaps (See figure 6.)
11. Identify endcap trim panel and install by pushing down starting above side acoustic panels. Ensure brackets on both side trim panels interface with bracket on endcap acoustic trim panel (see figure 7.)
12. Take self threading screw and use Philips head screwdriver to secure endcap trim panel to support bracket (See figure 8.)
13. Repeat steps 11 and 12 for other endcap trim panel.

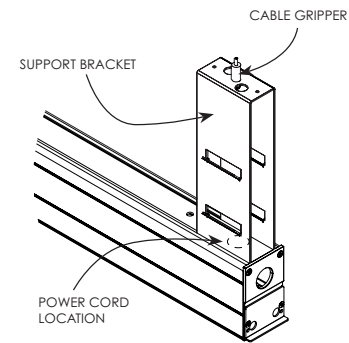


Fig. 1

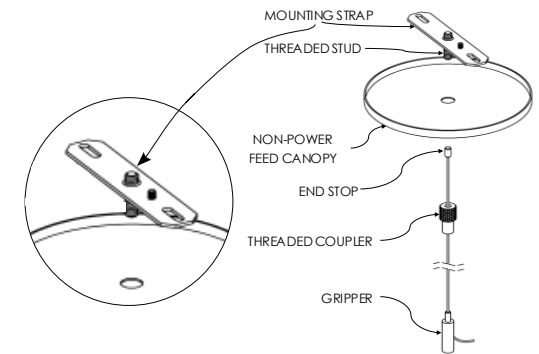


Fig. 3

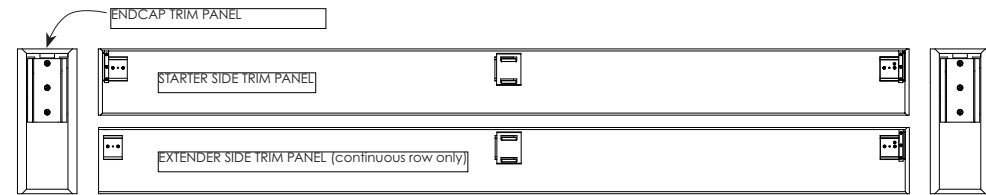


Fig. 4

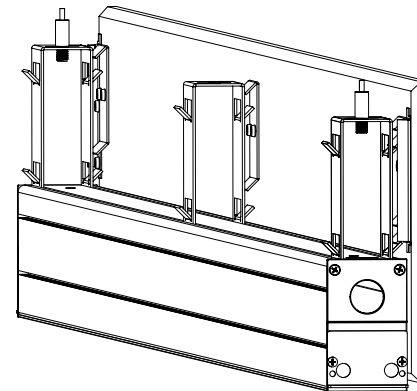


Fig. 5

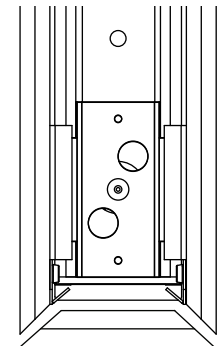


Fig. 6

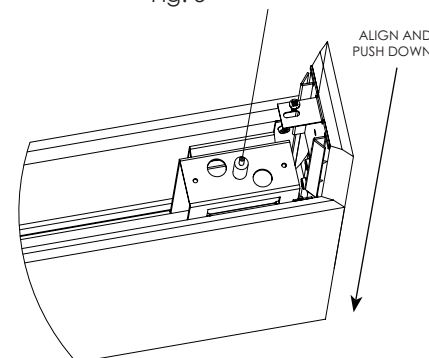


Fig. 7

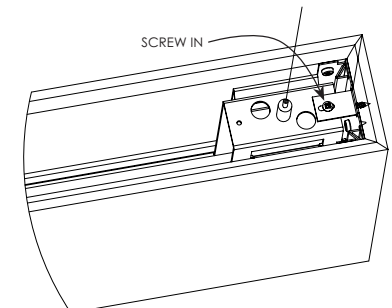


Fig. 8

INSTALLATION INSTRUCTIONS

Continuous Row

Preparation:

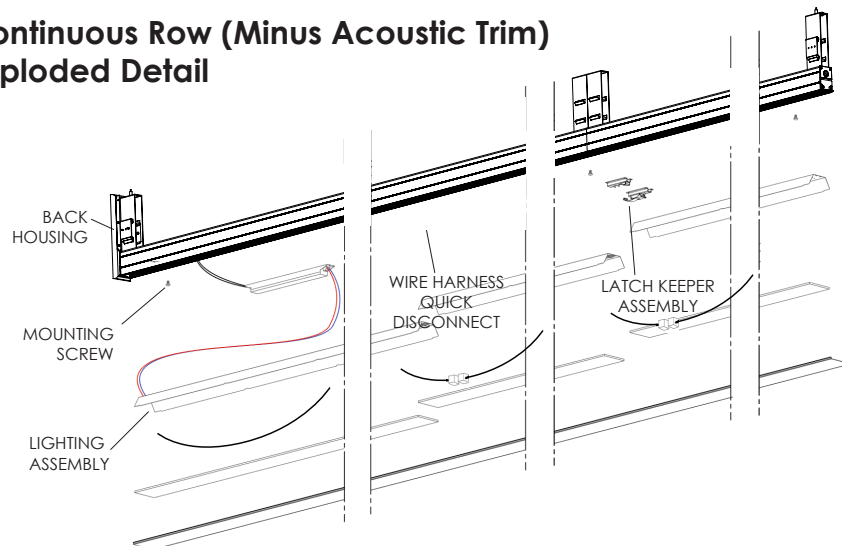
1. Luminaire ships in 3 boxes
 1. Luminaires
 2. Acoustic Panels
 3. Accessory suspension cable or stem
2. Take luminaires and all accessories out of packaging
3. Identify different fixture types for each row
 - Starter Fixture: Stripped wires/cord, and endcap on one side, male connector on the other side has 2 mounts
 - Middle Fixture: Female connector on one side, male connector on the other side, no endcaps
 - End Fixture: Female connector on one side, closed end cap on the other side
4. Mounting centers on luminaire 1.60" from the edge of the endcap
5. Power cable is factory installed on feed end

Installation:

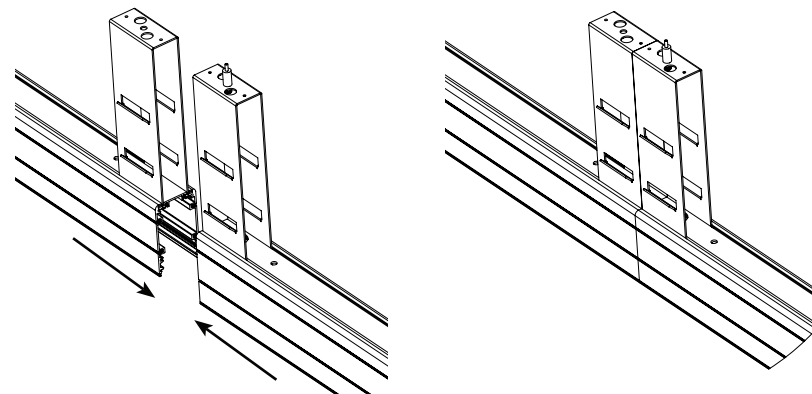
1. Attach cable grippers to support brackets located on each end of the all luminaires using a Philips head screw (See page 3 figure 1)
2. Prepare ceiling mounting (See page 3 figure 2)
3. Install mounting strap to ceiling using self-provided screws. Mounting strap on feed end must be secured to customer supplied junction box (see page 3 figure 3)
4. Using a 2 person crew, raise one fixture at a time, and route 1/16" diameter steel cable from ceiling canopy down to cable grippers. To level fixture, adjust each cable/luminaire height, depress plunger on the cable gripper.
Caution: BE CERTAIN TO SUPPORT LUMINAIRE INDEPENDENTLY OF 1/16" STEEL CABLES WHEN DEPRESSING PLUNGER
5. Route power cord from luminaire up through the canopy, adjust cord length accordingly, and secure strain relief bushing (See page 2)
6. Repeat with all other luminaires, connecting the fixtures with the alignment pins as you go.
7. Remove reflectors from the fixtures and connect the wire harness quick male-female connects.
8. Connect all latch-and-keepers to ensure fixtures remain securely connected.
9. Reinstall reflectors, then install and cut lensing (see page 6).
10. Unpack acoustic trim (trim panels come shipped with brackets mounted) and identify starter side trim panels (marked for left and right side mounting), side extension trim panels and endcap trim panels (See page 3 figure 4.)
11. Take one of the starter side trim panel and align the trim cleats with support bracket cleats, and slide the trim panel down.
TIP: Keep trim vertical when sliding down for smoother installation (See page 3 figure 5.)
12. Repeat step 11 for the other starter side trim panel
13. Take an extension side trim panel and align the trim panel cleats with support bracket cleats, and slide trim panel down.
14. Repeat steps 12-13 for all other remaining extension side trim panels.

Continued on page 5...

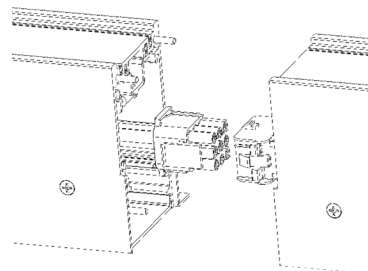
Continuous Row (Minus Acoustic Trim) Exploded Detail



Continuous Row Fixture Alignment Detail

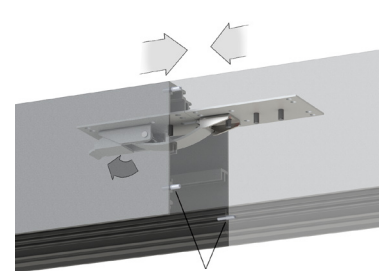


Wire Harness Detail



Wire harness has a quick disconnect located at each joint between fixtures

Latch and Keeper Detail



Wire harness has a quick disconnect located at each joint between fixtures

INSTALLATION INSTRUCTIONS

Continuous Row (*continued*)

15. Secure the two fixture support brackets together with the U-Shaped vertical constraint bracket (See figures 9, 10, 11)
16. Adjust trim so that the inside edge of chamfer aligns with edge of cosmetic bezel on endcaps (See page 3 figure 6.)
17. Identify endcap trim panel and install by pushing down starting above side acoustic panels. Ensure brackets on both side panels interface with bracket on endcap acoustic panel (see figure 7.)
18. Take self threading screw and use Philips head screwdriver to secure endcap panel to support bracket (See page 3 figure 8.)
19. Repeat steps 17-18 for other endcap panel.

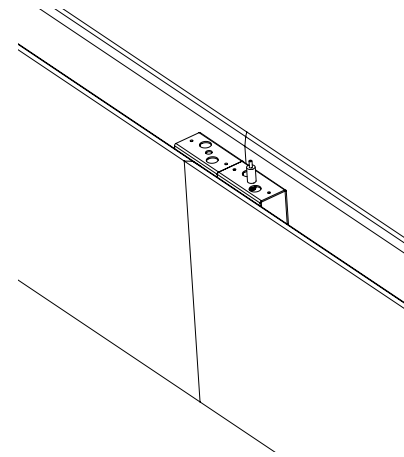


Fig. 9

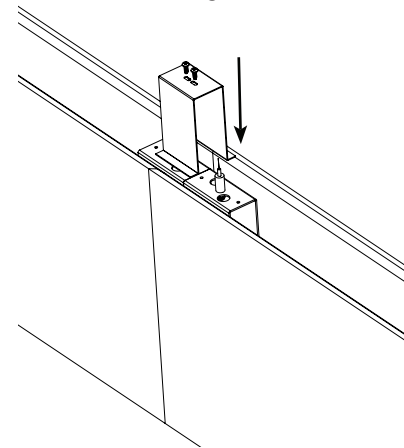


Fig. 10

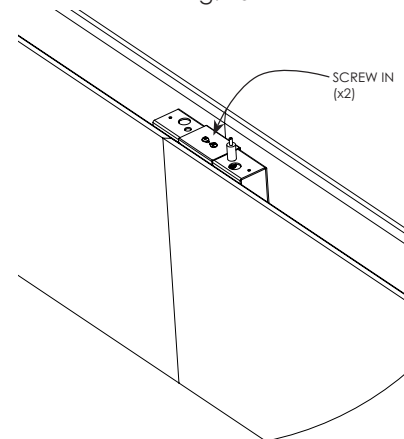


Fig. 11

INSTALLATION INSTRUCTIONS

Continuous Lensing

The Acoustic Slim is 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 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.

1. Start installing the lens into the fixture extrusion ensure that the edge of the lens lines up with the orange print on the inside of the endcap
2. Install the lens along the length of the extrusion assembly.
3. At the other end of the fixture put the lens over the endcap and mark where the edge of the orange print is. This marks the end of the lens. See illustration for details
4. Score the lens firmly 3 times across with a sharp knife and then bend until it breaks at the score line using the lens scoring jig
5. Install the lens and then install the lens retainer
6. Press the lens into place the entire length of the fixture ensuring lens is properly installed. If the lens does not make full engagement over the entire length of the fixture it can lead to the lens falling out over time.

