

# ESSENCE Field Assembled Recessed Flanged

ESRF\_D 1.1



## GENERAL PRODUCT INFORMATION:



This product is suitable for damp locations.

For a list of compatible dimmers, visit our website at [www.techlighting.com](http://www.techlighting.com).

This instruction shows a typical installation.

### CAUTION - RISK OF FIRE

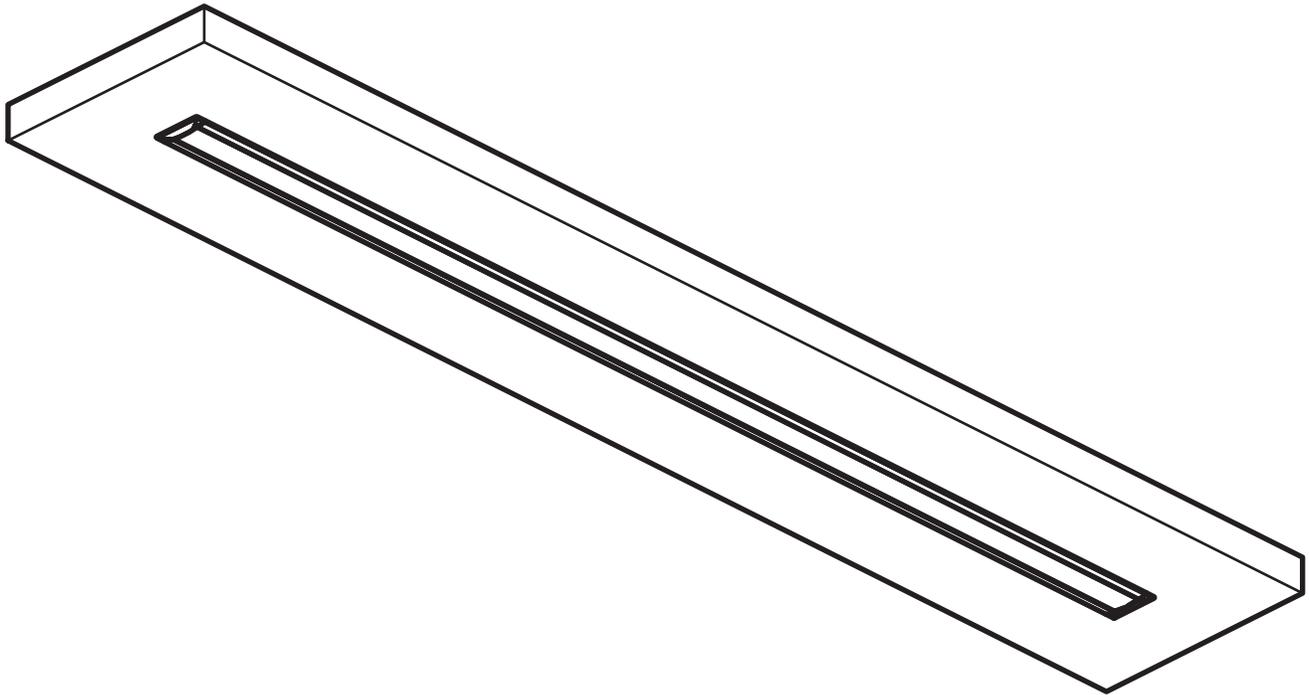
This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

**Use minimum 90°C supply conductors.**

Luminaire is suitable for installation within a clothes closet storage space. (Excluding: ESRF1206)

Le luminaire convient à l'installation dans un vêtement espace de rangement placard. (À l'exclusion: ESRF1206)

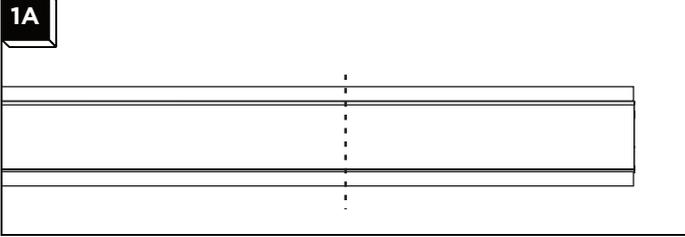
**SAVE THESE INSTRUCTIONS!**



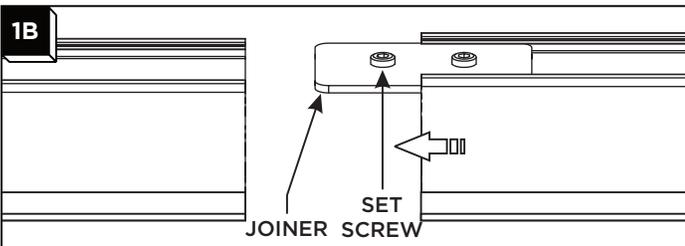
7400 Linder Ave., Skokie, IL 60077  
T 847.410.4400 | F 847.410.4500  
[www.techlighting.com](http://www.techlighting.com)

## Assemble the Housing

**NOTE: Fully assemble the run before mounting. Assistance by another installer will be required.**

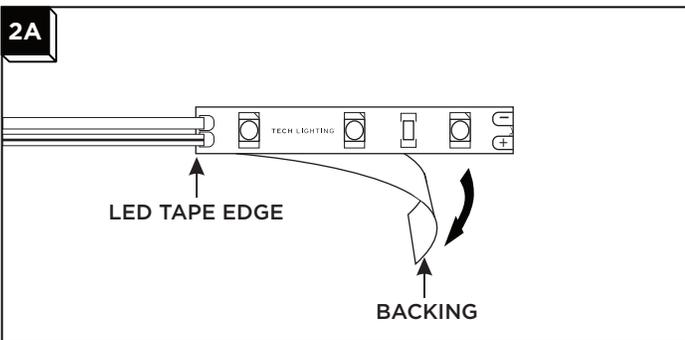


- 1 If necessary, cut the last housing in the run to length needed.



- 2 Insert the joiner into the extrusion on the top of the channel and secure it in place with one of the #4-40 set screws and tighten it with a 0.050" Allen wrench.
- 3 Then insert the installed joiner into the next channel and tighten the other set screw.
- 4 Repeat until the entire channel has been assembled.

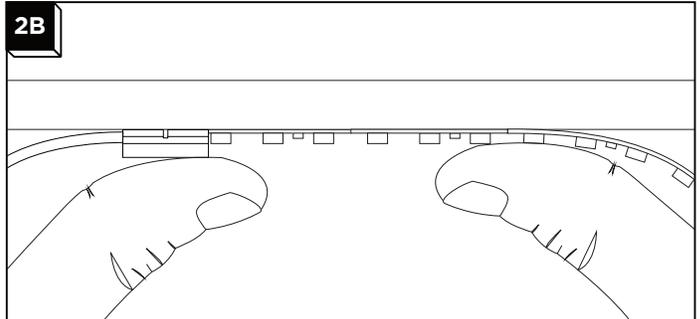
## Install the LED Tape



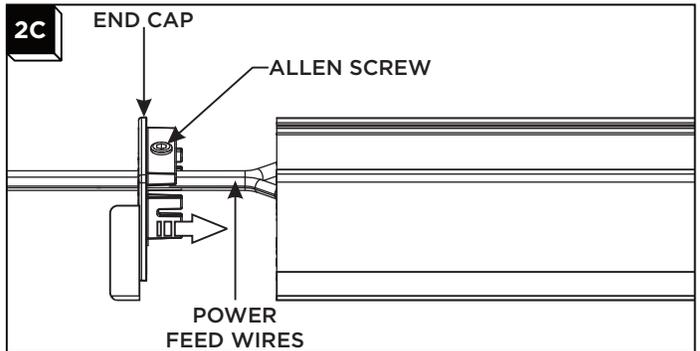
- 1 Prepare the mounting surface according to the 3M™ Surface Preparation guidelines.
- 2 Peel off the 3M Adhesive backing and tear off backing along the LED tape's edge.

**NOTE: Ensure the tape is centered from end to end of the Channel.**

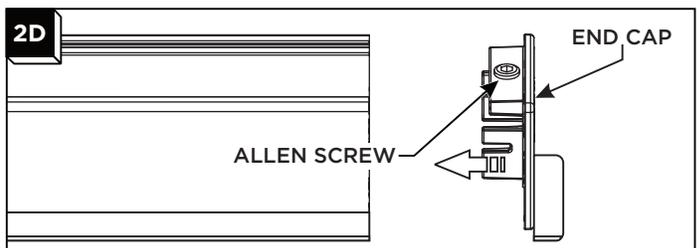
**NOTE: Ensure the ambient temperature is minimum 50° F (10° C) or the tape will not adhere properly.**



- 3 Adhere to inside of the housing, working one end to the other.
- 4 If necessary, cut the led tape at the designated cut points.



- 5 Install the power feed end cap by using the Allen screw to secure it in place.



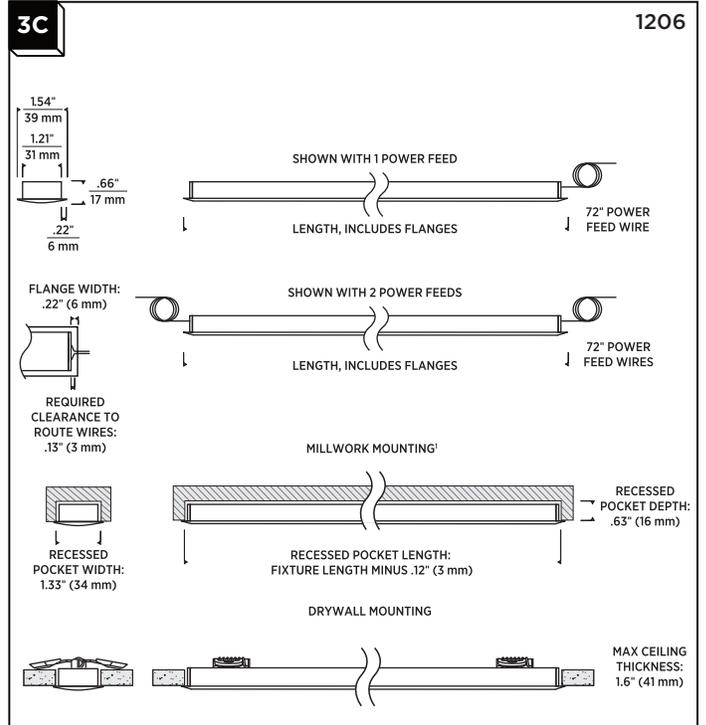
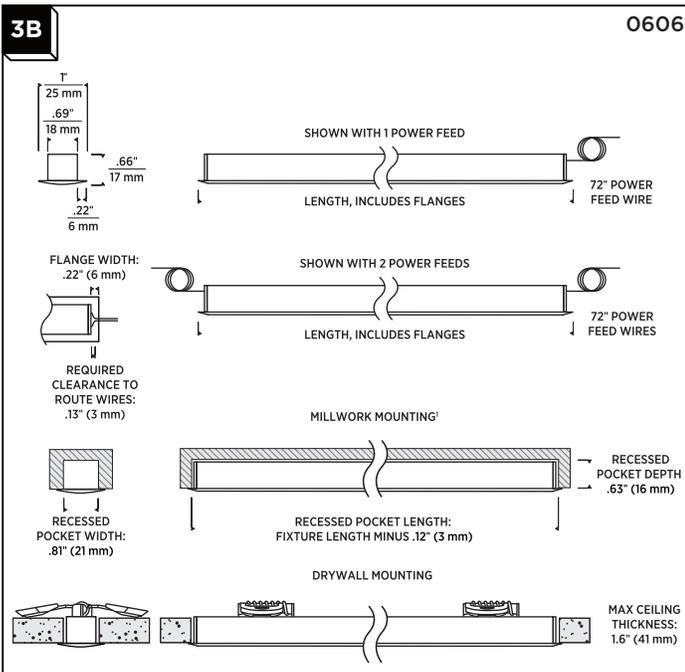
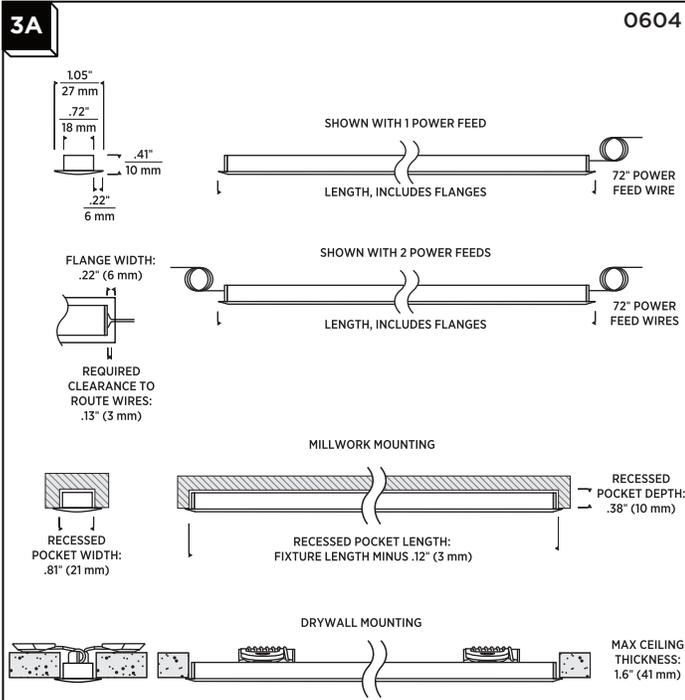
- 6 Install the end cap without the power feed by using the Allen screw to secure it in place.

# Create the Pocket/Slot

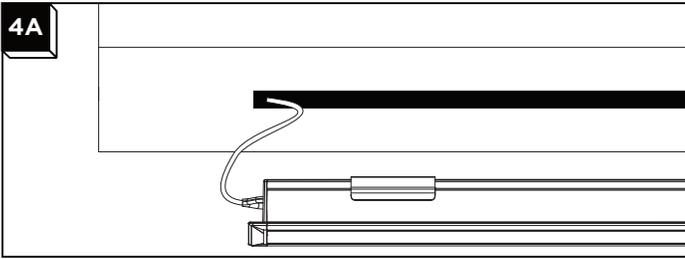
**NOTE: Use the listed dimensions as reference only. To ensure a perfect fit, measure the fixtures on site.**

**NOTE (For Drywall):** When installing between joists (parallel with joists) allow a minimum of 1.5" (38 mm) clearance between the center of the fixture and studs. In this installation, the fixture cannot be mounted directly over a joist. When installing perpendicular to joist, the mounting clips may be adjusted so they do not interfere with the joists.

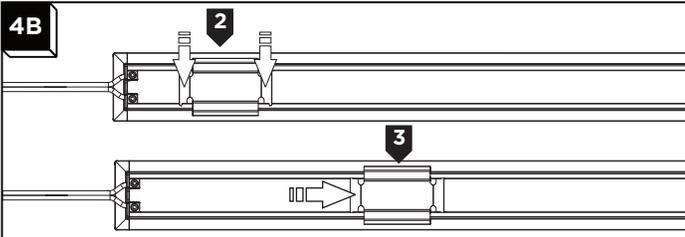
- 1 Create an appropriate sized pocket/slot for your fixture's profile.



## Install the Fixture into Pocket/Slot

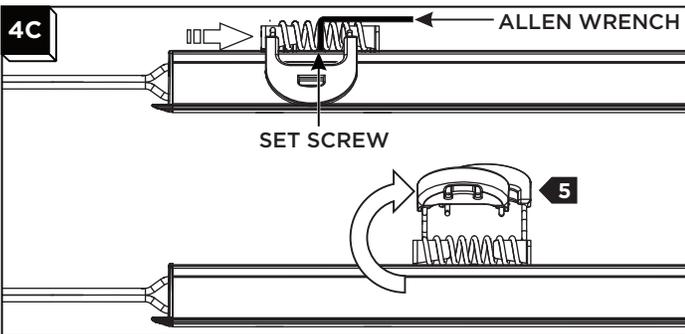


1 Route power feed wire into the pocket.



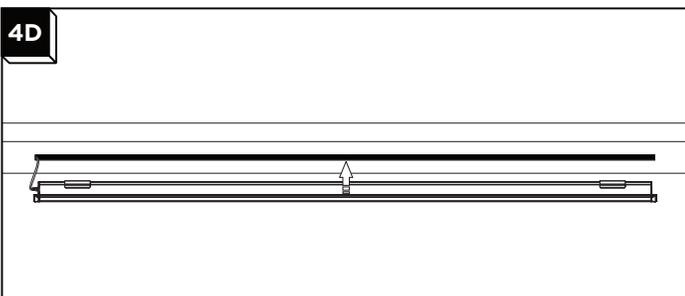
2 For Millwork: Position spring clips as needed by pushing down the two tabs on either side of the clip.

3 Then slide the clip into place.



4 For Drywall: Position spring clips as needed to avoid ceiling joists by loosening the #4-40 set screw with the 0.05" Allen wrench, then re-tighten once the clip is in position.

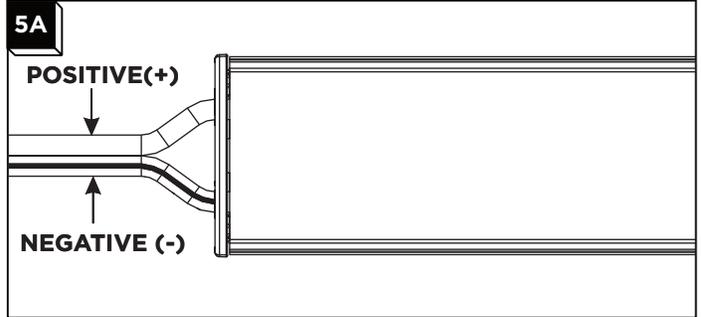
5 Pinch the tabs upward, one at a time, to fit them in side the created slot.



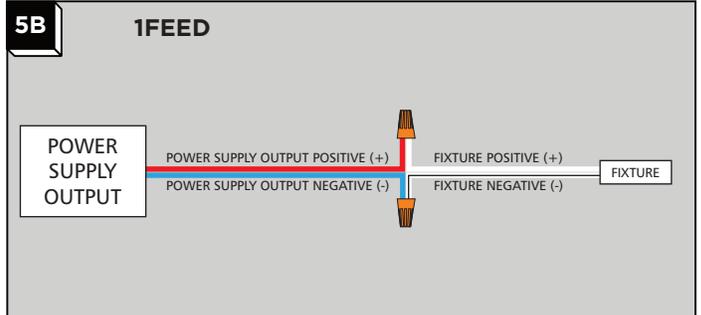
6 Push fixture into the pocket/slot until the flange fits flush with the surface.

## Wiring Power Supply Output to the Fixture

**NOTE: Refer to power supply instruction for input wiring information.**



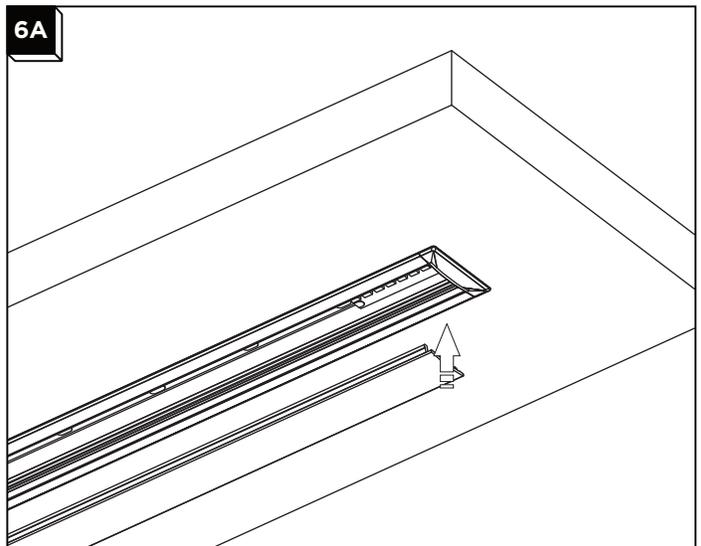
1 Identify the negative wire. It will be marked with a stripe. Depending on the finish the stripe may vary in color.



2 Connect the power supply negative to the fixture negative (striped or black).

3 Connect the power supply positive to the fixture positive (solid or red).

## Installing the Lens



1 Install the lens by pushing one end into the housing, then press and slide until the other end snaps into place.

**NOTE: For Wall Versions: Follow the light direction label on the lens. Ensure the lens is oriented correctly so that light will cast appropriately to the wall side and not to the room side.**