

ESSENCE Recessed Flangeless Wall Wash

ESWW_ 1.1



ESSENCE

GENERAL PRODUCT INFORMATION:



This product is suitable for damp locations.

For a list of compatible dimmers, visit our website at www.techlighting.com.

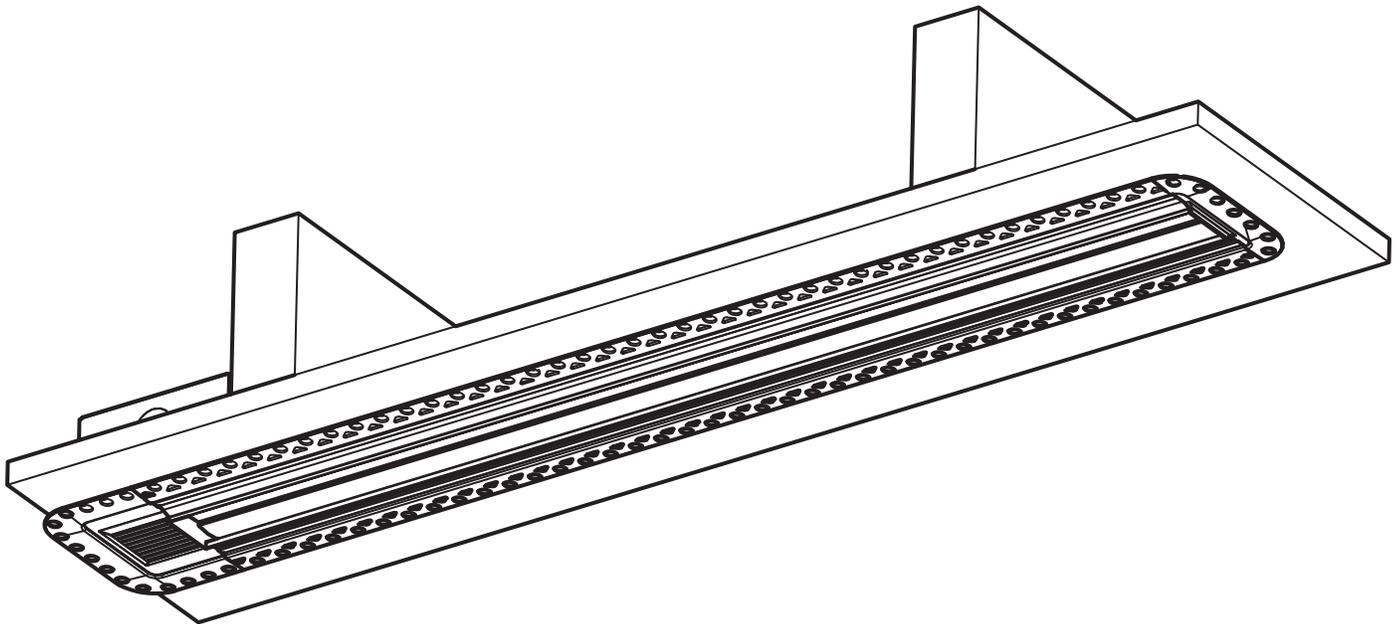
This instruction shows a typical installation.

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.

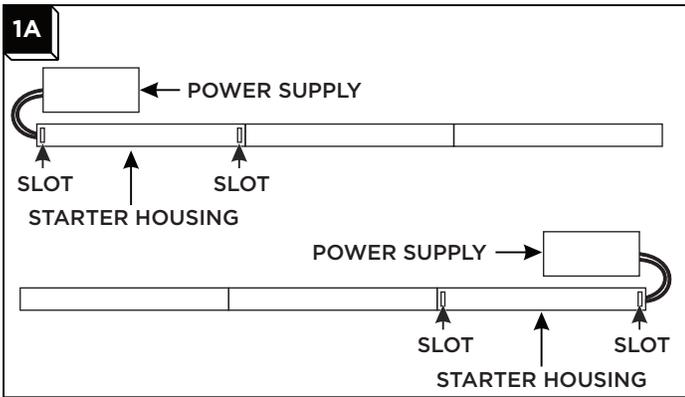
Use minimum 90°C supply conductors.

SAVE THESE INSTRUCTIONS!

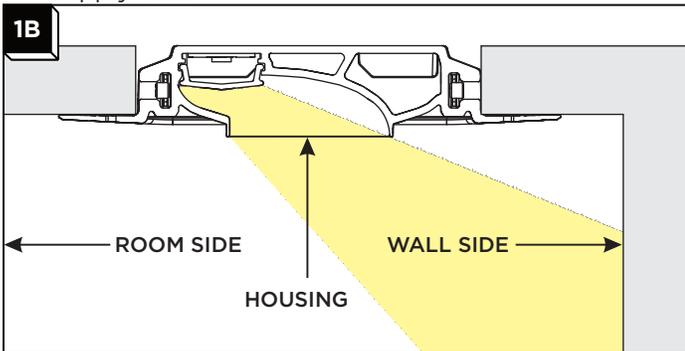


7400 Linder Ave., Skokie, IL 60077
T 847.410.4400 | F 847.410.4500
www.techlighting.com

Plan Wire Routing

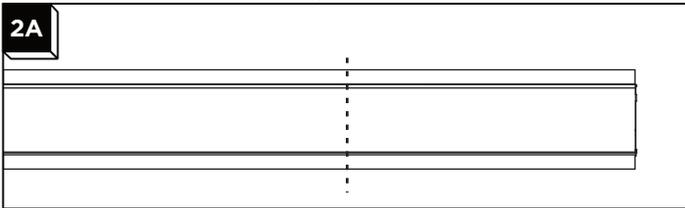


- 1 Determine the location of the power supply, then position the starter housing closest to the power supply end.



- 2 Ensure the housing is oriented correctly so that light will cast appropriately to the wall side and not to the room side.

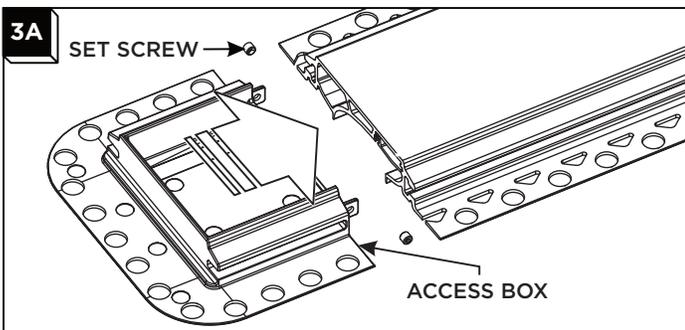
Prepare the Housing



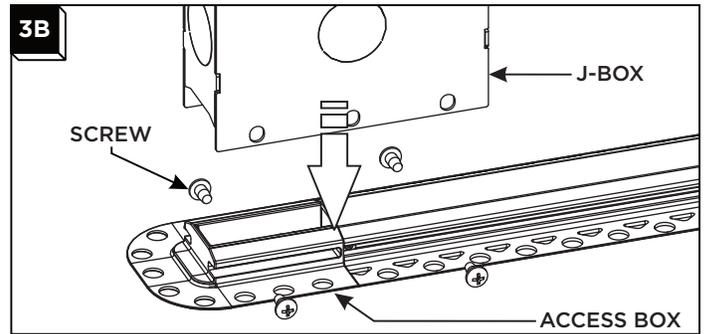
- 1 **For the field assembled version only:** If needed, cut the last housing and lens in the run to length.

Assemble the Housing (Field Assembled only)

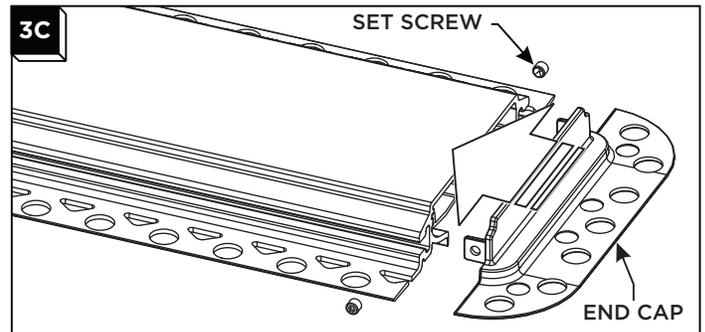
NOTE: For Factory Assembled skip to section 4.



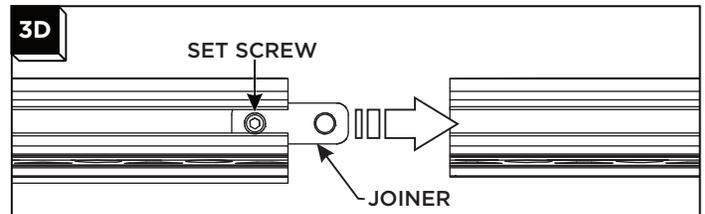
- 1 Install the access box by sliding them into place and securing with the set screws.



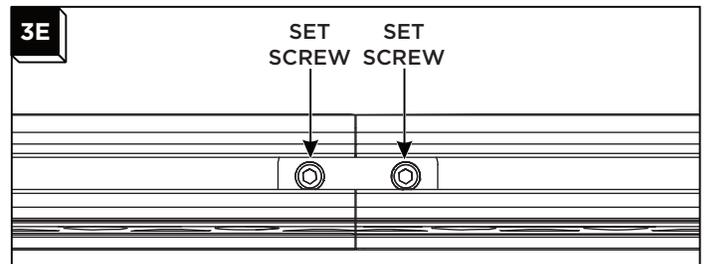
- 2 **(Optional):** Install the J-box by sliding it on top of the access box and secure it in place with the provided screws.



- 3 Install the end cap by sliding it into place and securing it with the set screws.



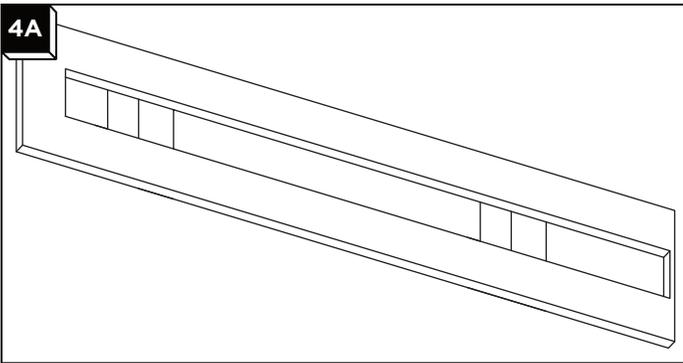
- 4 Temporarily align all housings and measure the entire fixture to determine the final cutout length. Use the joiners to help align the housings.



- 5 **(Optional):** If installing the housings as one fully assembled run you can tighten the joiners to secure the fixture together before mounting.

Create the Pocket/Slot

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

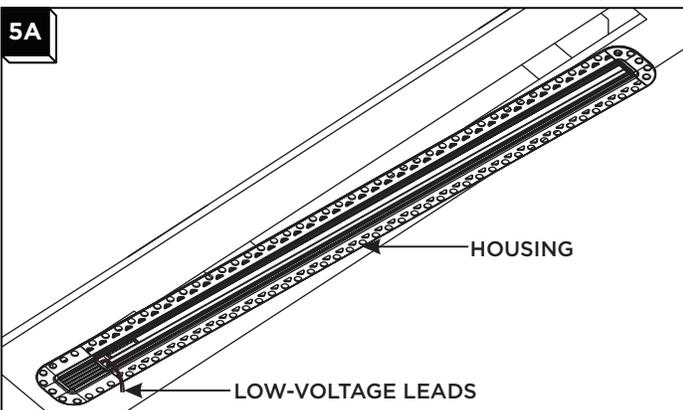


- 1 Create an appropriate sized pocket/slot for your fixture's profile. Measure the fully assembled length of the housing to get the slot length, then select the appropriate width for the model being installed.

Slot width	2.52" - 2.75"
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NOTE: Double check the fixture orientation and ensure it is as described in step 1B-2 before installing to ensure light is being cast to the wall side and not the room side.

Install a Single or Joined Housing Run

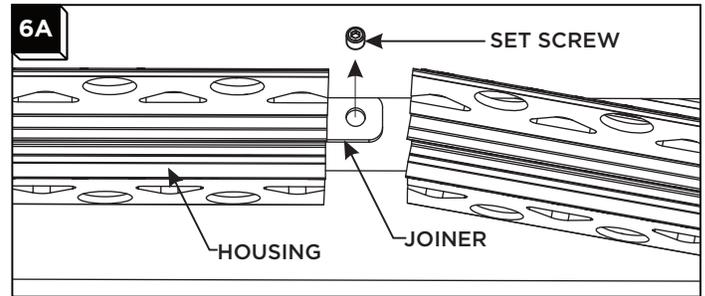


- 1 Insert the housing(s) into the slot.
- 2 Secure the housing using the preferred mounting method. Ex. Construction adhesive, staples, or screws.

NOTE: Ensure low-voltage leads from the power source are secured in the housing with tape.

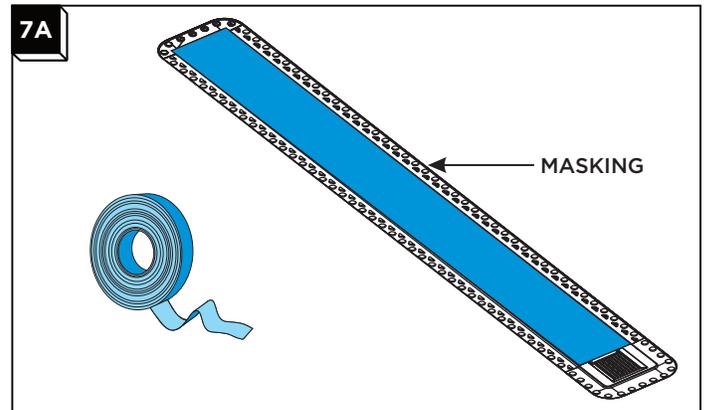
Install a Multiple Housing Run (Field Assembled Only)

NOTE: For factory assembled skip ahead to section 7.

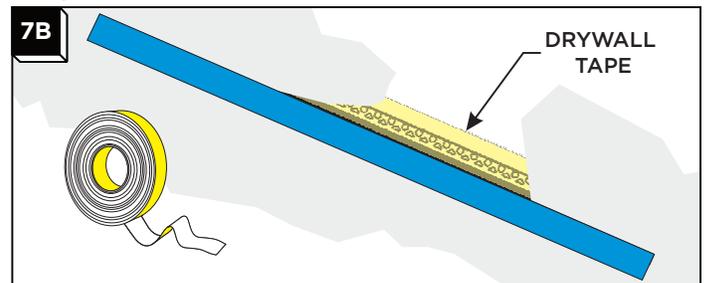


- 1 If installing the housing sections one by one, use the joiners to align the housings with each other as they are mounted. It is not necessary to secure them to both housings. (If using the joiners as alignment only, you **must** remove the additional unsecured set screws to ensure that they do not interfere with the installation of the next housing.)
- 2 Secure the housings using the preferred mounting method. Ex. Construction adhesive, staples, or screws.

Plaster the Fixture



- 1 Mask the channel aperture to ensure no plaster, dust or paint enters the housing during the finishing process.



- 2 A setting type of joint compound with drywall tape is recommended. Durabond or equivalent.
- 3 Properly plaster and finish around the fixture.
- 4 Remove the masking tape.

Install the LED tape into the housing (Field Assembled Only)

NOTE: For factory assembled skip ahead to section 9.

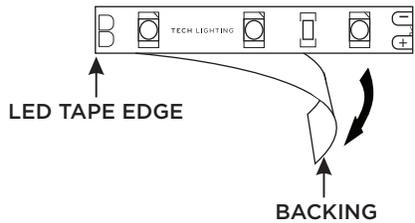
NOTE: Ensure the ambient temperature is minimum 50° F (10° C) or the tape will not adhere properly.

NOTE: The mounting surface must be prepared according to the 3M™ Surface Preparation guidelines.

(<https://multimedia.3m.com/mws/media/660190/vhbtm-tape-surface-preparation-technical-bulletin.pdf>)

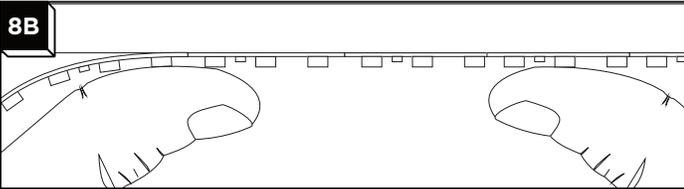
Attachment surfaces must be clean and free of dust, oils and loose particles. Most substrates are best prepared by cleaning with a mixture of 70% isopropyl alcohol prior to applying 3M™ tapes.

8A



- 1 Peel off the 3M Adhesive backing and tear off backing along the LED tape's edge.

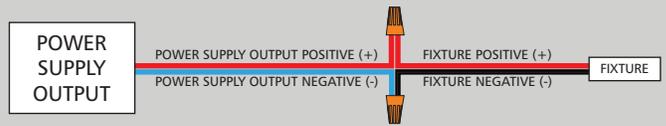
8B



- 2 Start at the end of the fixture opposite to the access box; adhere the LED tape to the inside of the housing. Work toward the power feed.

Connect the low-voltage leads to the power supply

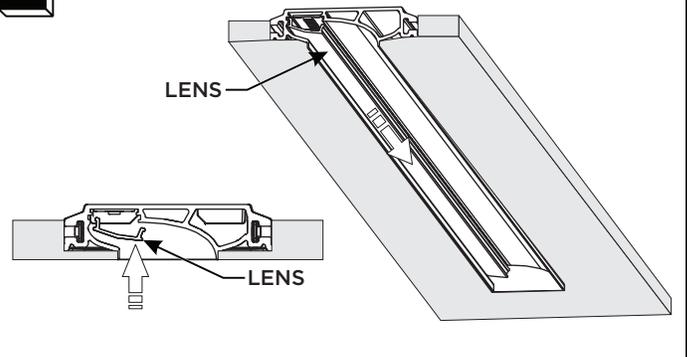
9A



- 1 Connect the power supply negative to the fixture negative (striped or black).
- 2 Connect the power supply positive to the fixture positive (solid or red).

Install the Lens

10A



- 1 Cut the lens to length if needed and install it by pushing one side into the housing, then press and slide until the other side snaps into place.