ESSENCE Recessed Flangeless

ESRL_ | 1.1

TECH LIGHTING®

ESSENCE

GENERAL PRODUCT INFORMATION:

c **ETL** us
LISTED
Intertek

This product is suitable for damp locations.

For a list of compatible dimmers, visit our website at www.techlighting.com.
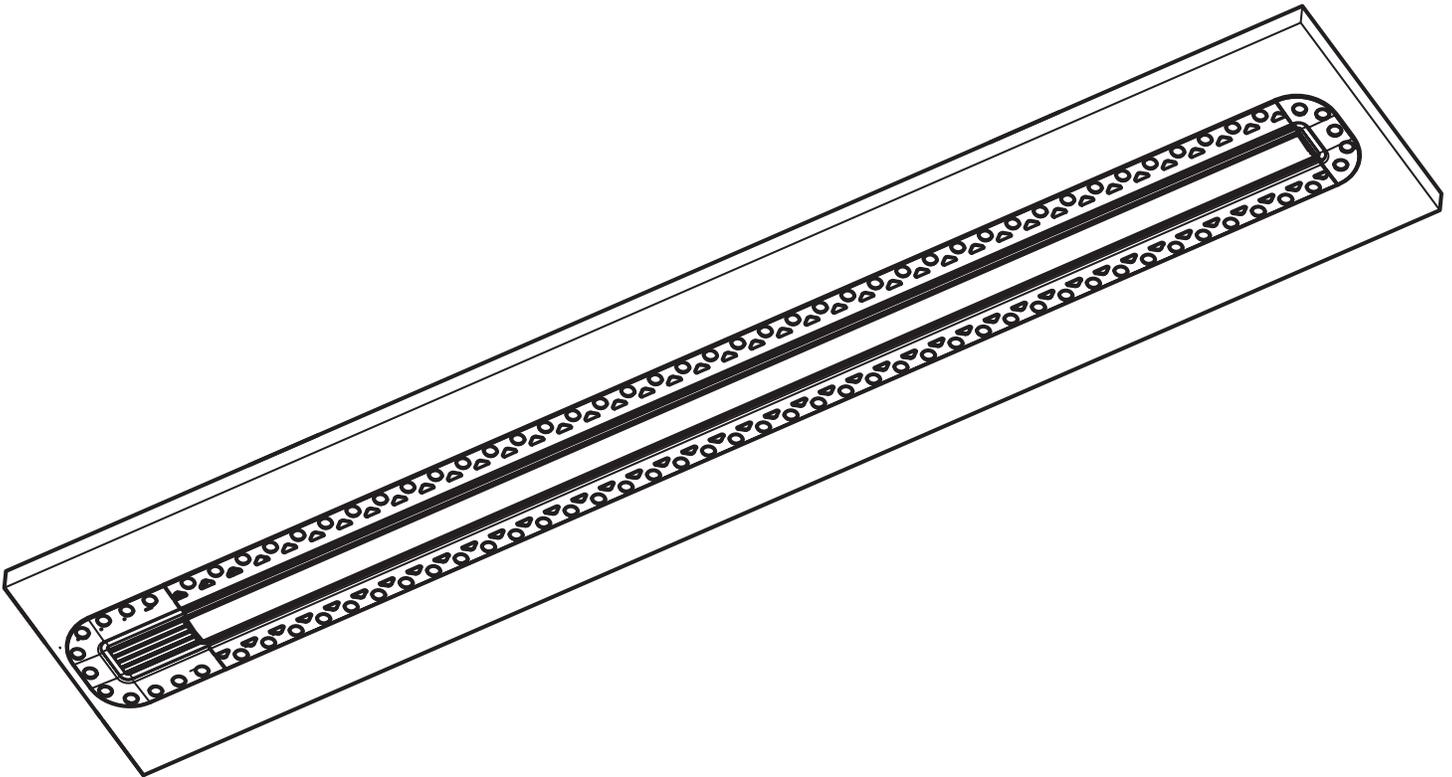
This instruction shows a typical installation.

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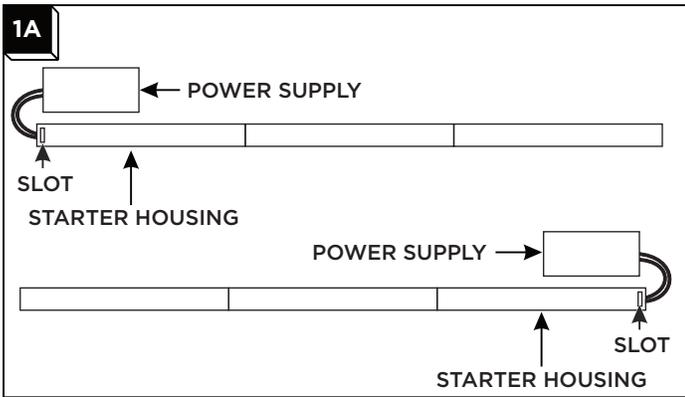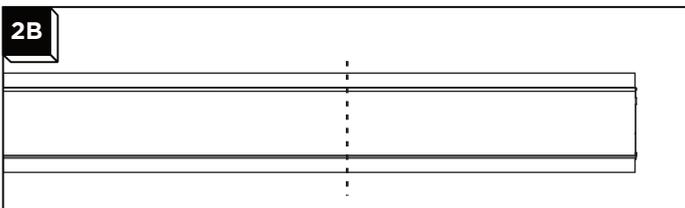**Use minimum 90°C supply conductors.**

SAVE THESE INSTRUCTIONS!

TECH LIGHTING®

VISUAL COMFORT & CO.

Plan Wire Routing

1A

POWER SUPPLY

SLOT

STARTER HOUSING

POWER SUPPLY

SLOT

STARTER HOUSING

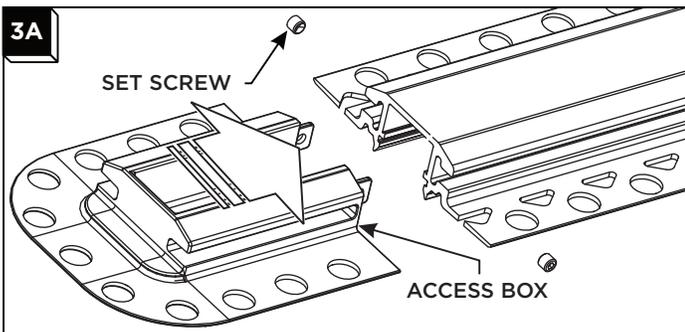**1** ▶ **For 0605 only:** Determine the location of the power supply, then position the starter housing closest to the power supply end.
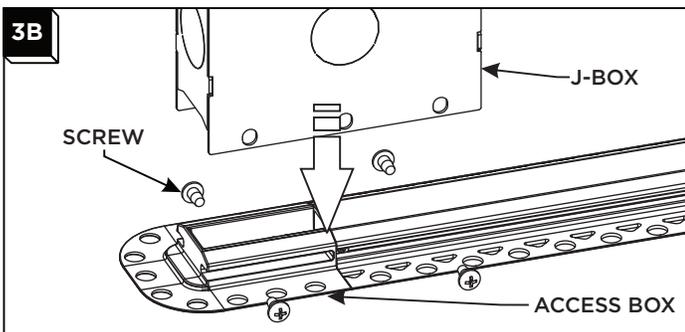

2B

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

Assemble the Housing (Field Assembled only)

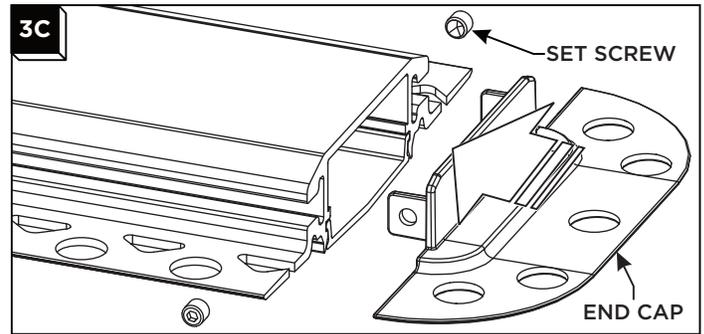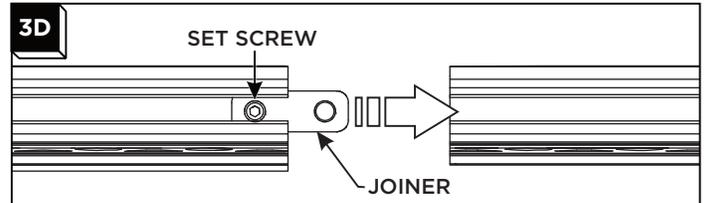**NOTE: For Factory Assembled skip to section 4.**

3A

SET SCREW

ACCESS BOX

1 ▶ Install the access box by sliding it into place and securing it with the set screws.

3B
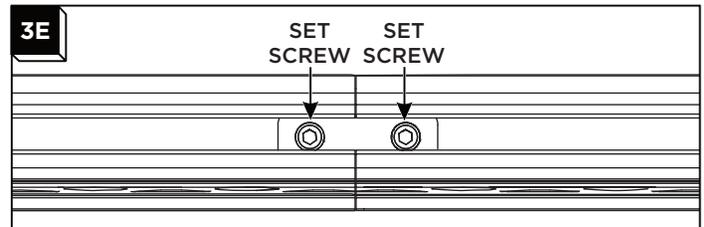
J-BOX

SCREW

ACCESS BOX

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

3C

SET SCREW

END CAP

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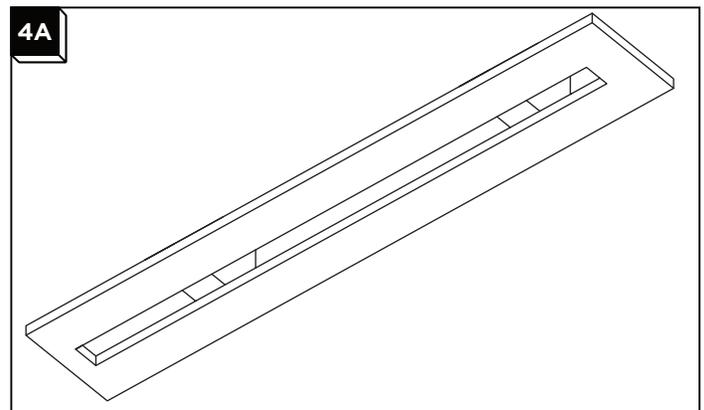

3D

SET SCREW

JOINER

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

3E

SET SCREW   SET SCREW

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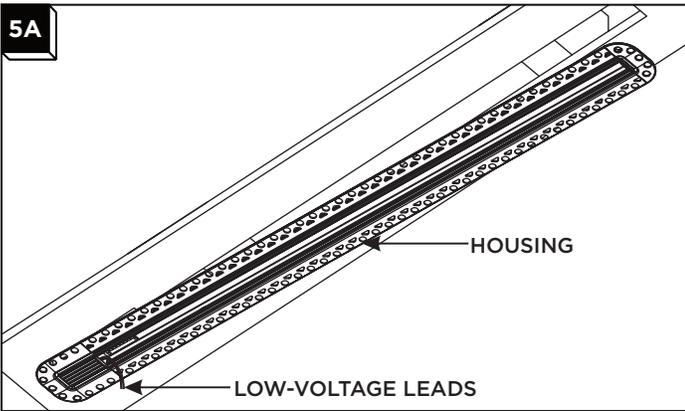
Create the Pocket/Slot

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

4A

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.

	0605	1205
Slot width	1.20" – 1.44"	1.70" – 1.93"

Install a Single or Joined Housing Run

5A

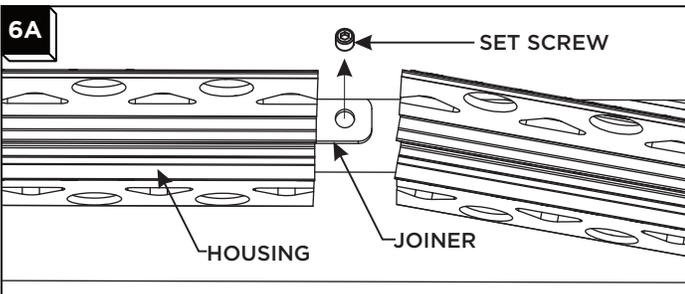

HOUSING

LOW-VOLTAGE LEADS

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.
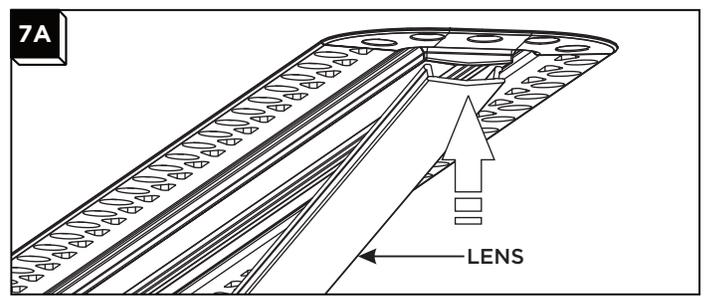
Install a Multiple Housing Run (Field Assembled Only)

NOTE: For factory assembled skip ahead to section 6.
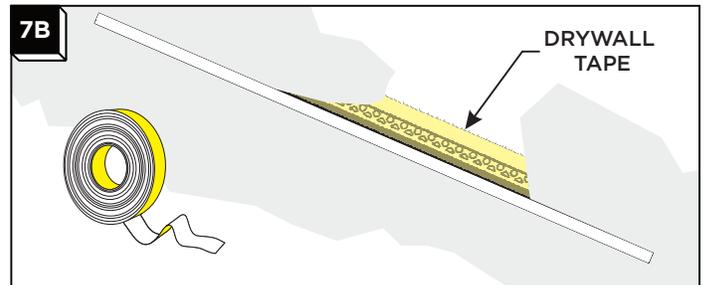
6A

SET SCREW

HOUSING

JOINER

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 in the installation of the next housing.)

2 Secure the housings using the preferred mounting method. Ex. Construction adhesive, staples, or screws.

Plaster the Fixture

7A

LENS

1 Two sets of lenses are included, one for masking the housing during the installation and the other for the final installation. Install one of the provided lenses temporarily to prevent plaster, dust, or paint from entering the housing during finishing work. If necessary, cut the lens to match the length of the housing.

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

7B

DRYWALL TAPE

3 A setting type of joint compound with drywall tape is recommended. Durabond or equivalent.

4 Properly plaster and finish around the fixture.

5 Remove and dispose of the used lens.

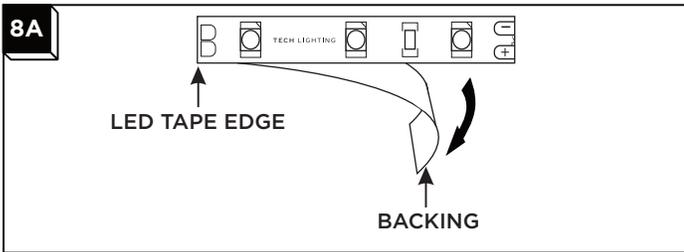## Install the LED tape into the housing (Field Assembled Only)

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.

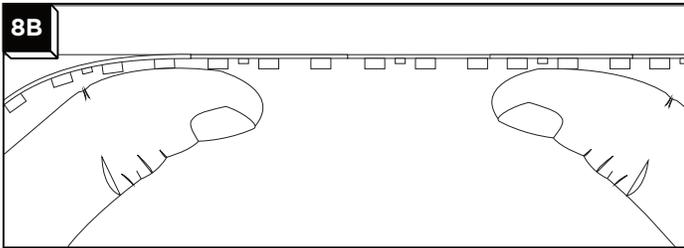**NOTE: The mounting surface must be prepared according to the 3M™ Surface Preparation guidelines. (https://multimedia.3m.com/mws/media/66019O/vhbtm-tape-surface-preparation-technical-bulletin.pdf) Attachment surfaces must be clean and free of dust, oils and loose particles. Most substrates are best prepared by cleaning with a mixture of 70% isopropyl alcohol prior to applying 3M™ tapes.**
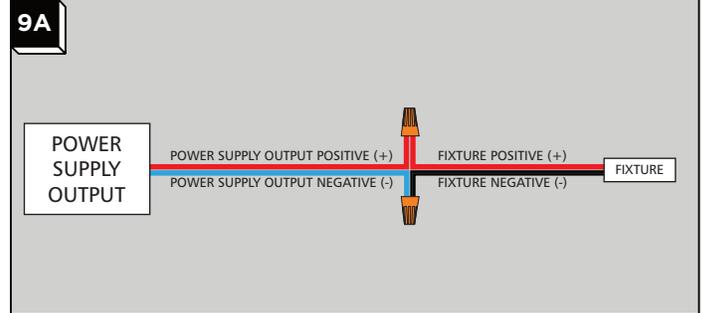
8A

LED TAPE EDGE

BACKING

1 ▸ Peel off the 3M Adhesive backing and tear off backing along the LED tape's edge.
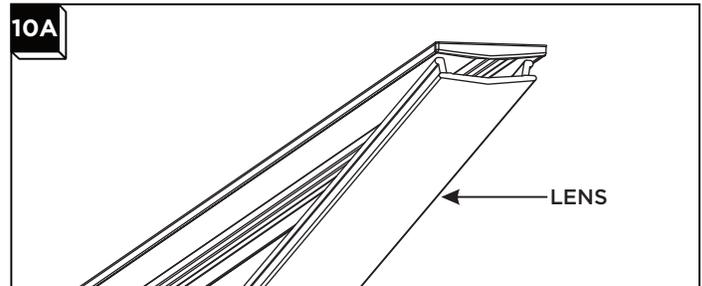
8B

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

POWER SUPPLY OUTPUT

POWER SUPPLY OUTPUT POSITIVE (+)

POWER SUPPLY OUTPUT NEGATIVE (-)

FIXTURE POSITIVE (+)

FIXTURE NEGATIVE (-)

FIXTURE

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 Clean Lens

10A

LENS

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