

## INSTALLATION MANUAL INDOOR RECESSED TRIMLESS

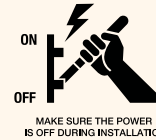
### INDEX

- A:** SINGLE UNIT INSTALLATION
- B:** CONTINUOUS INSTALLATION
- C:** WIRING DETAILS

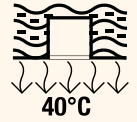


#### WARNING:

The safety and warranty of this fixture is guaranteed only if installed in compliance with below instruction manual.

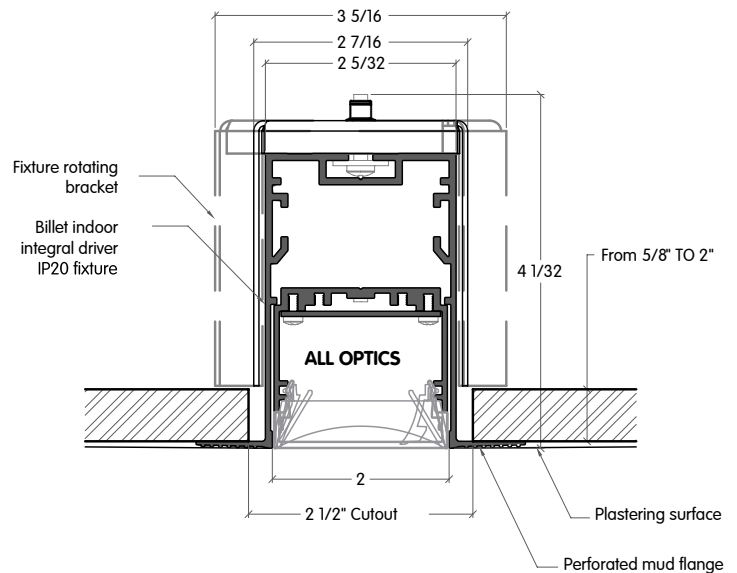
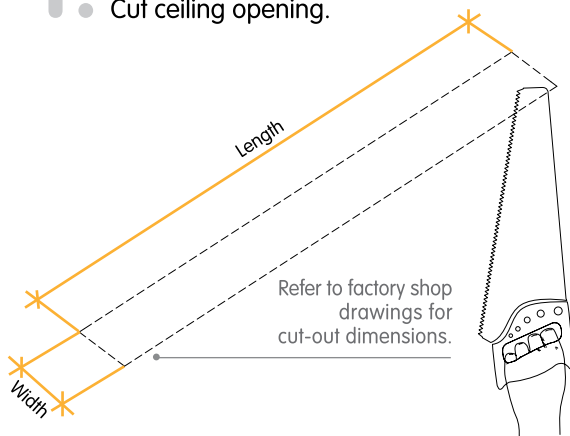


**IP20**



### A. SINGLE UNIT INSTALLATION

1. Cut ceiling opening.



Prepare the ceiling conditions according to the factory shop drawings.

		12"						24"		36"		48"		60"	
		Height		Width		Actual Length		Actual Length		Actual Length		Actual Length		Actual Length	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Wallgrazer	Recessed Trimless	85	3 11/32	51	2	300.74	11 27/32	601.10	23 21/32	901.20	35 15/32	1201.30	47 9/32	1501.40	59 1/8
Symmetrical Baffles	Recessed Trimless	85	3 11/32	51	2	300.74	11 27/32	601.10	23 21/32	901.20	35 15/32	1201.30	47 9/32	1501.40	59 1/8
Honeycomb	Recessed Trimless	85	3 11/32	51	2	292.05	11 1/2	578.53	22 25/32	865.01	34 1/16	1151.49	45 11/32	1437.97	56 5/8
Opal	Recessed Trimless	85	3 11/32	51	2	301.00	11 27/32	595.00	23 7/16	889.10	35	1183.10	46 19/32	1477.20	58 5/32

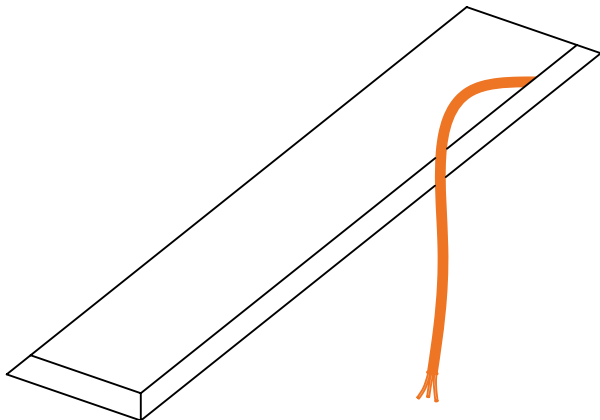


**WARNING:** Shock hazard. Serious injury or death may occur. Turn Off power before servicing or installing. Wire according to local and national codes. This product shall be installed by a qualified electrician.



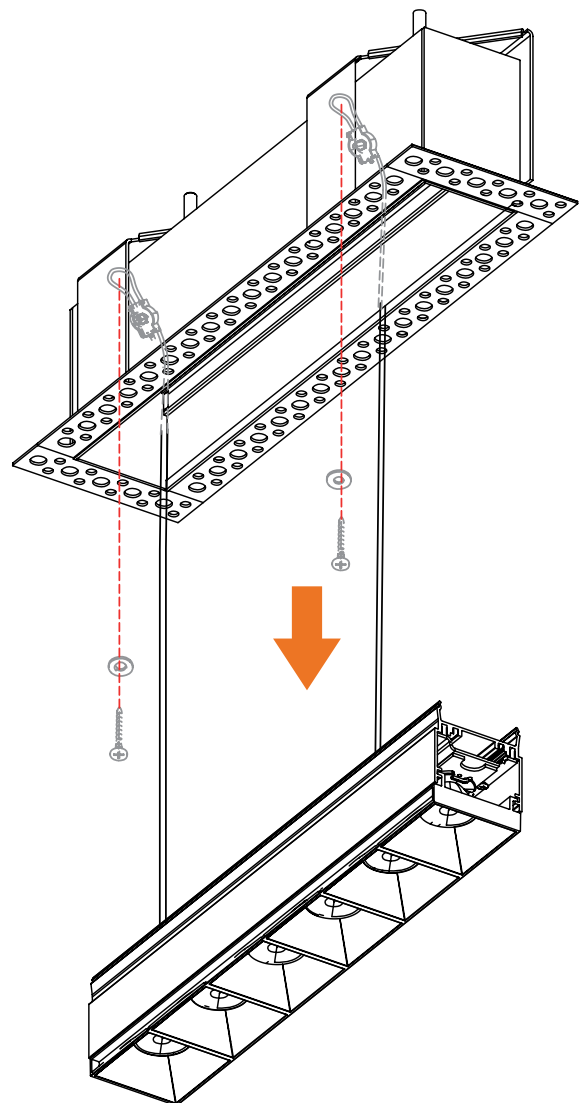
2.

► Drop Down Electrical Feed.



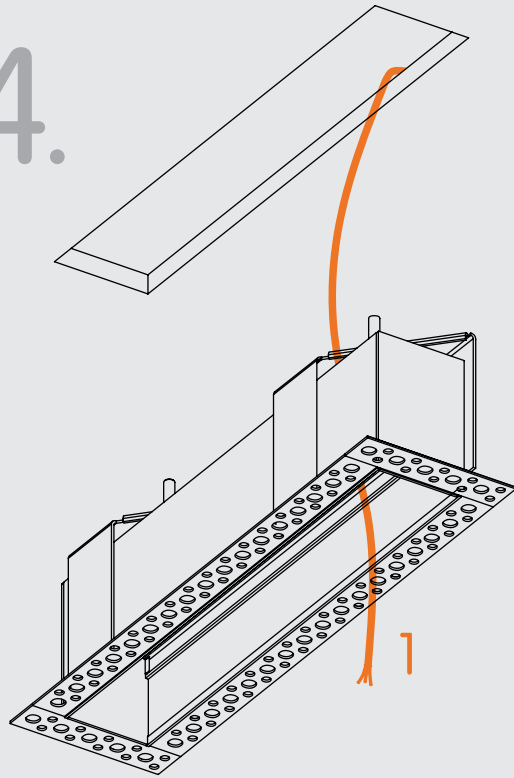
3.

► Unclip reflector assembly from main profile.  
► Remove safety cables.



**WARNING:** Failure to secure safety cables can lead to injury or death!

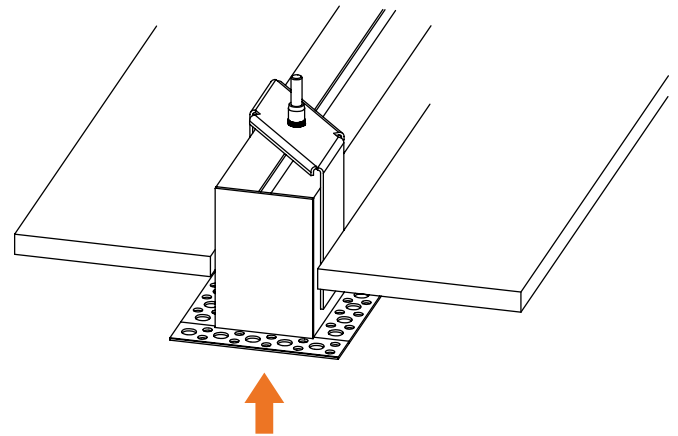
4.



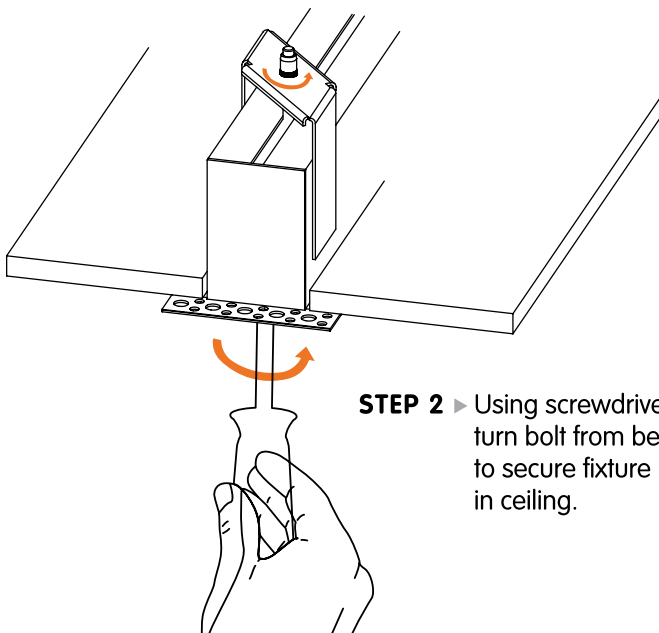
► Insert main cable into the profile.

## METHODS A & B

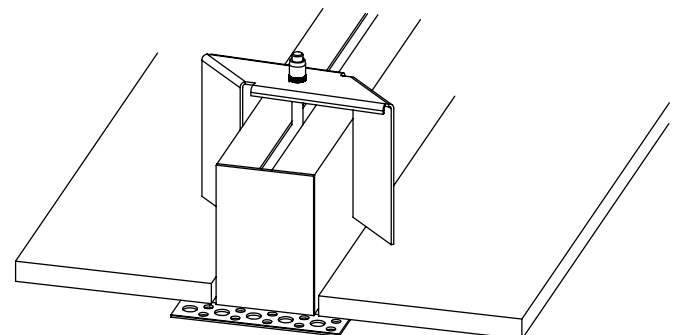
### METHOD A : USING ROTATING CROSSBARS



**STEP 1** ► Lift profile into ceiling opening.

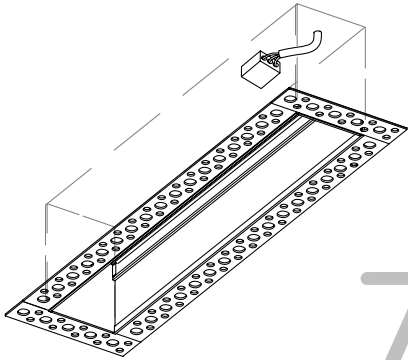


**STEP 2** ► Using screwdriver, turn bolt from below to secure fixture in ceiling.

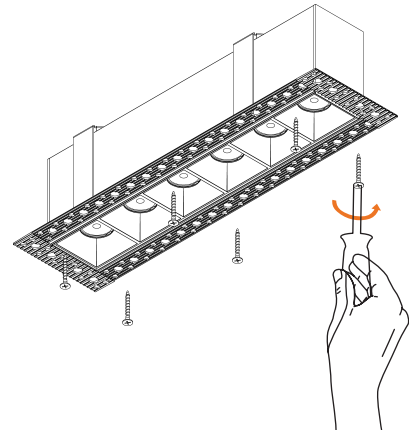


**STEP 3** ► Tighten the bolt until trim sits tightly against ceiling plane.

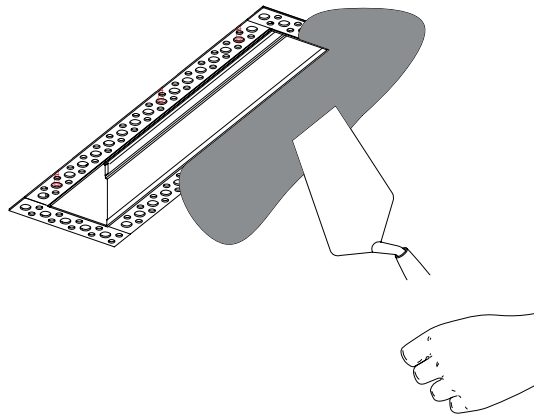
5. ▶ Connect the main electric feed to the pushwire terminal.



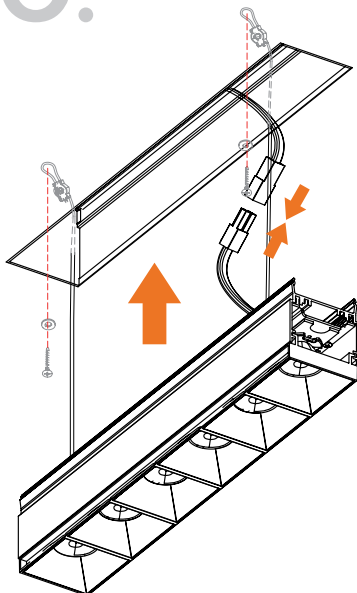
6. ▶ Screw in the plaster flange every 15cm to the mounting surface



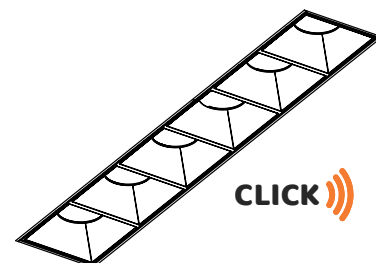
7. ▶ Lay plaster on spackle flange.  
▶ Make sure the inside contour of the fixture is clearly defined.



8. ▶ Re-attach safety cables.  
▶ Connect low voltage cables together.



9. ▶ Push reflector assembly upward until it clicks into the housing profile.



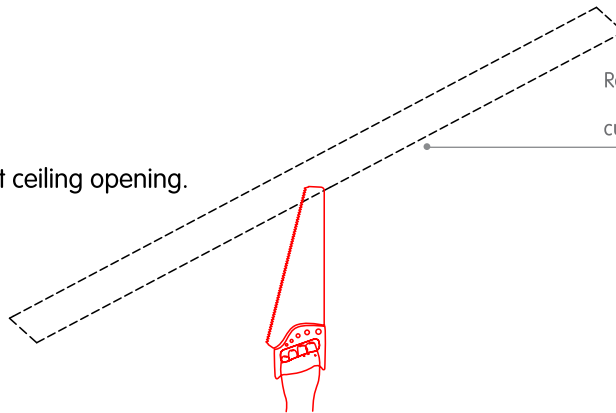
**WARNING:** Fixture reflector assembly shall not be installed into profile until ceiling is painted and completely finished.

## B. CONTINUOUS RUN INSTALLATION

1.

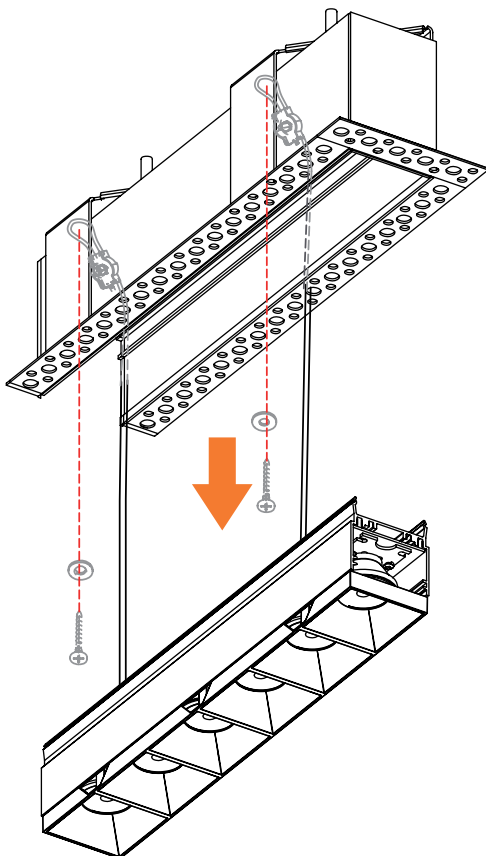
► Cut ceiling opening.

Refer to factory shop drawings for cut-out dimensions.



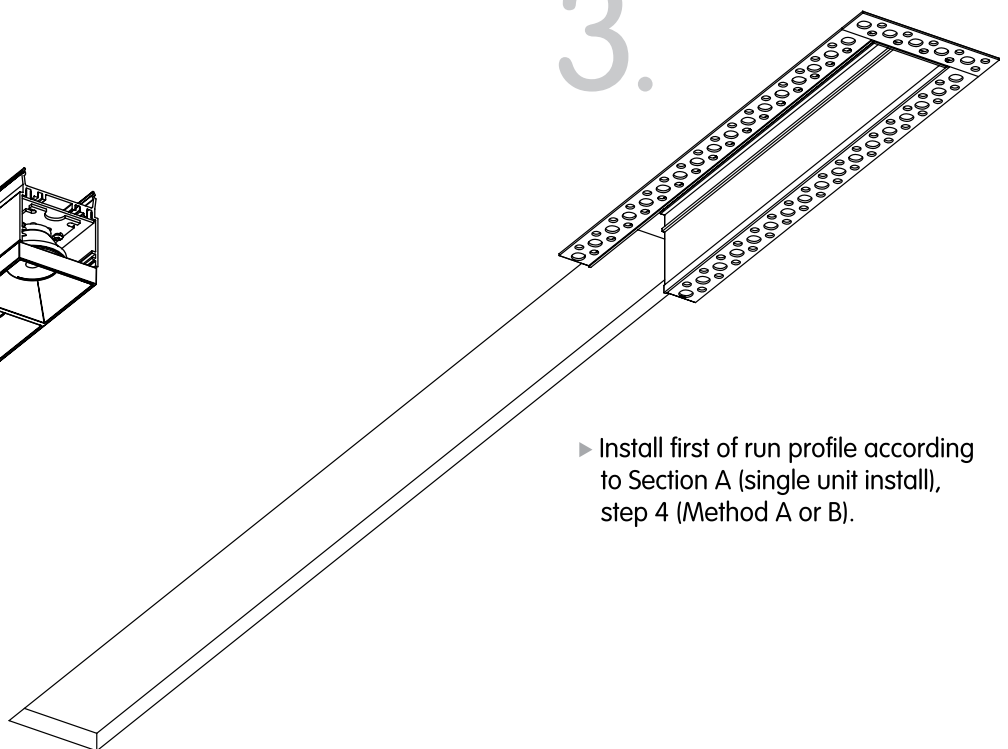
2.

- Unclip all reflector assemblies from main profiles.
- Remove safety cables.



3.

- Install first of run profile according to Section A (single unit install), step 4 (Method A or B).

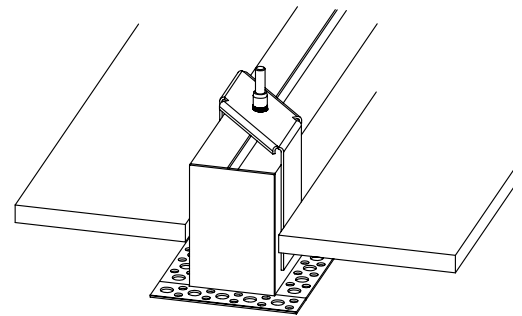


4.

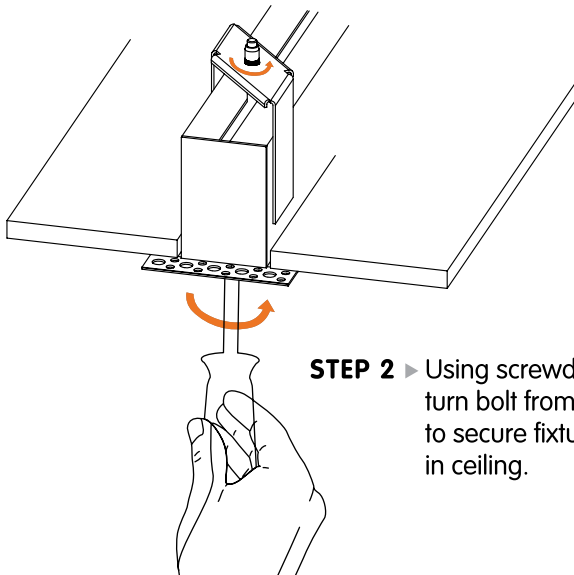
► Lift middle / end of run into ceiling opening.

**METHODS A & B**

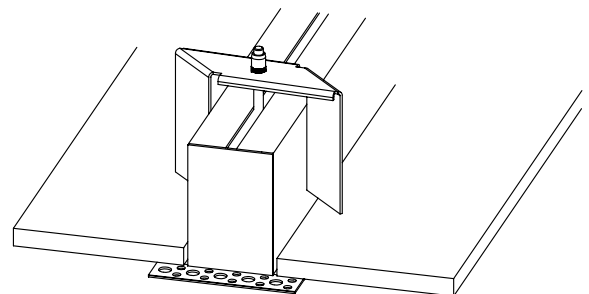
**METHOD A : USING ROTATING CROSSBARS**



**STEP 1** ► Lift profile into ceiling opening.



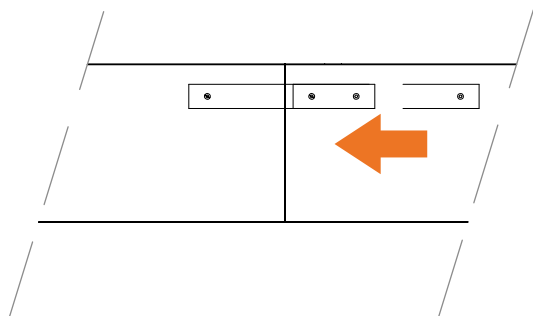
**STEP 2** ► Using screwdriver, turn bolt from below to secure fixture in ceiling.



**STEP 3** ► Tighten the bolt until plaster flange sits tightly against ceiling plane.

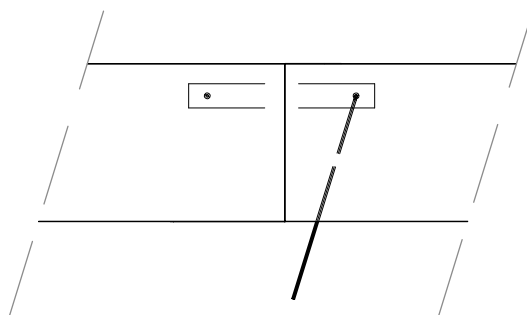
5.

- Slide the alignment bracket halfway into the neighboring profile.



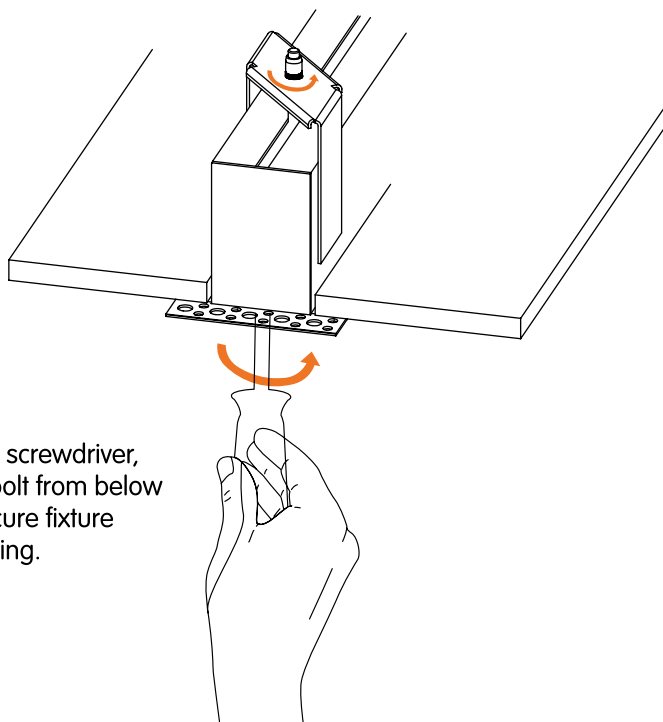
6.

- Tighten the alignment bracket using the allen key and provided headless screws.



7.

- Using screwdriver, turn bolt from below to secure fixture in ceiling.



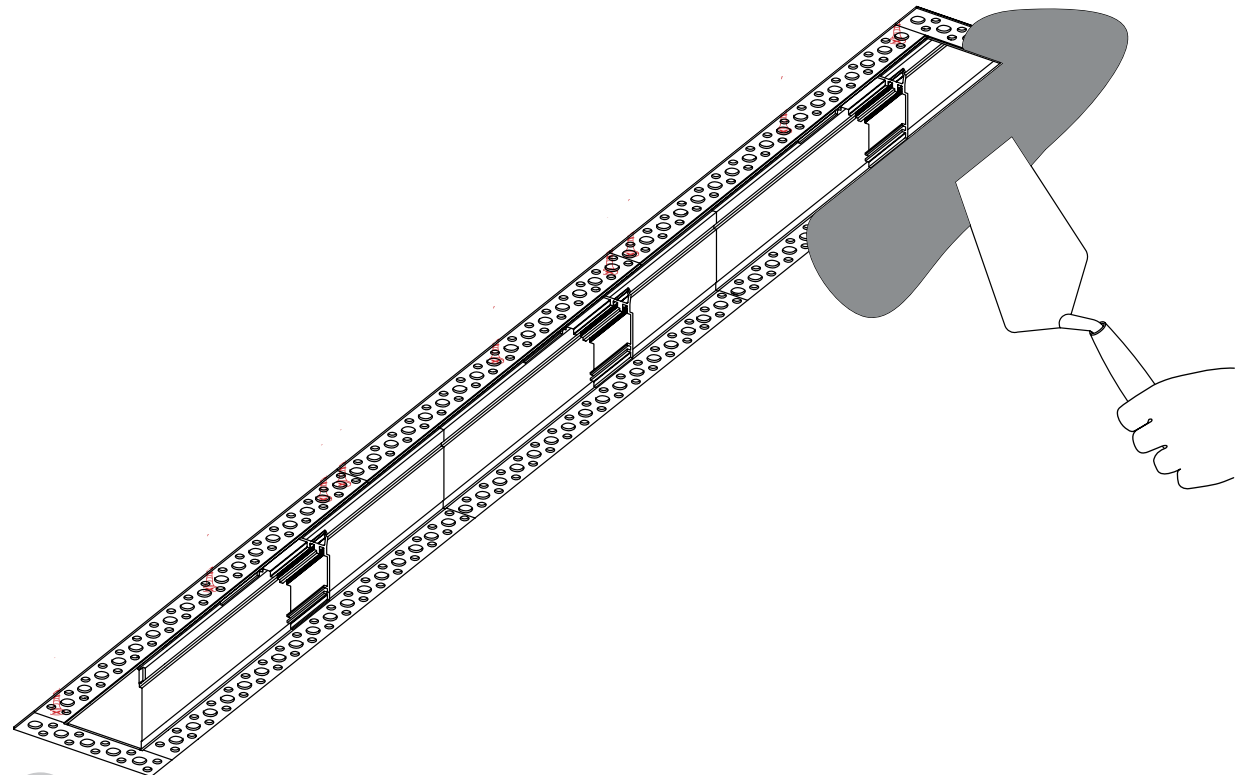
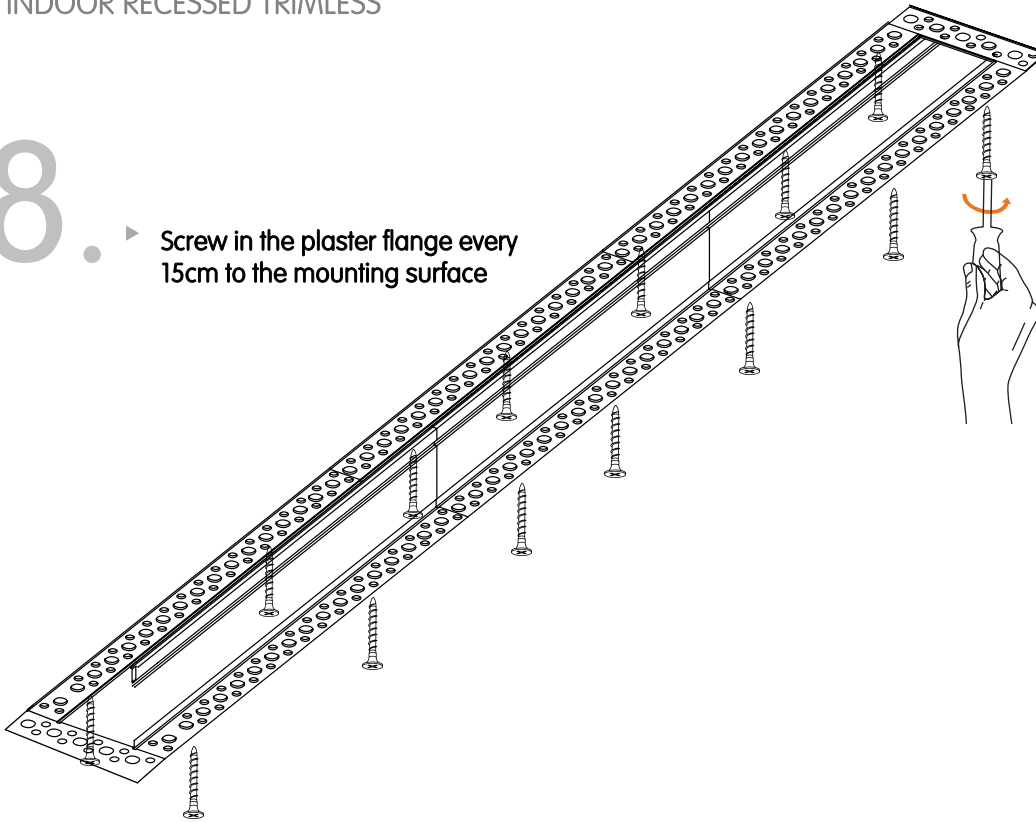
# BILLET

INDOOR RECESSED TRIMLESS

bold  
lighting

8.

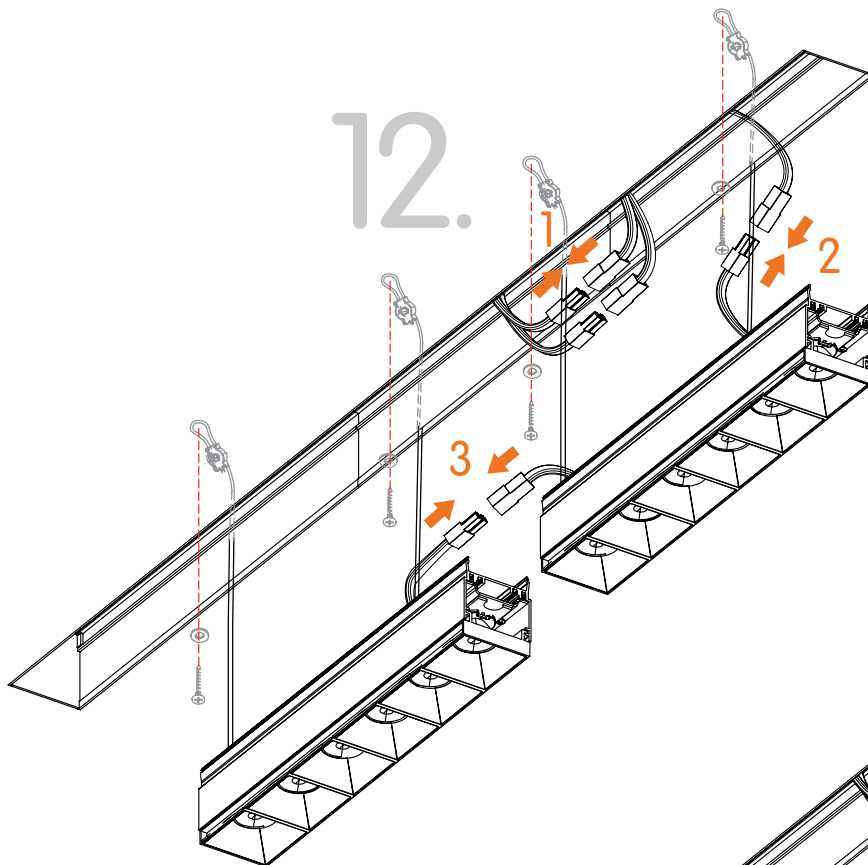
- Screw in the plaster flange every 15cm to the mounting surface



9.

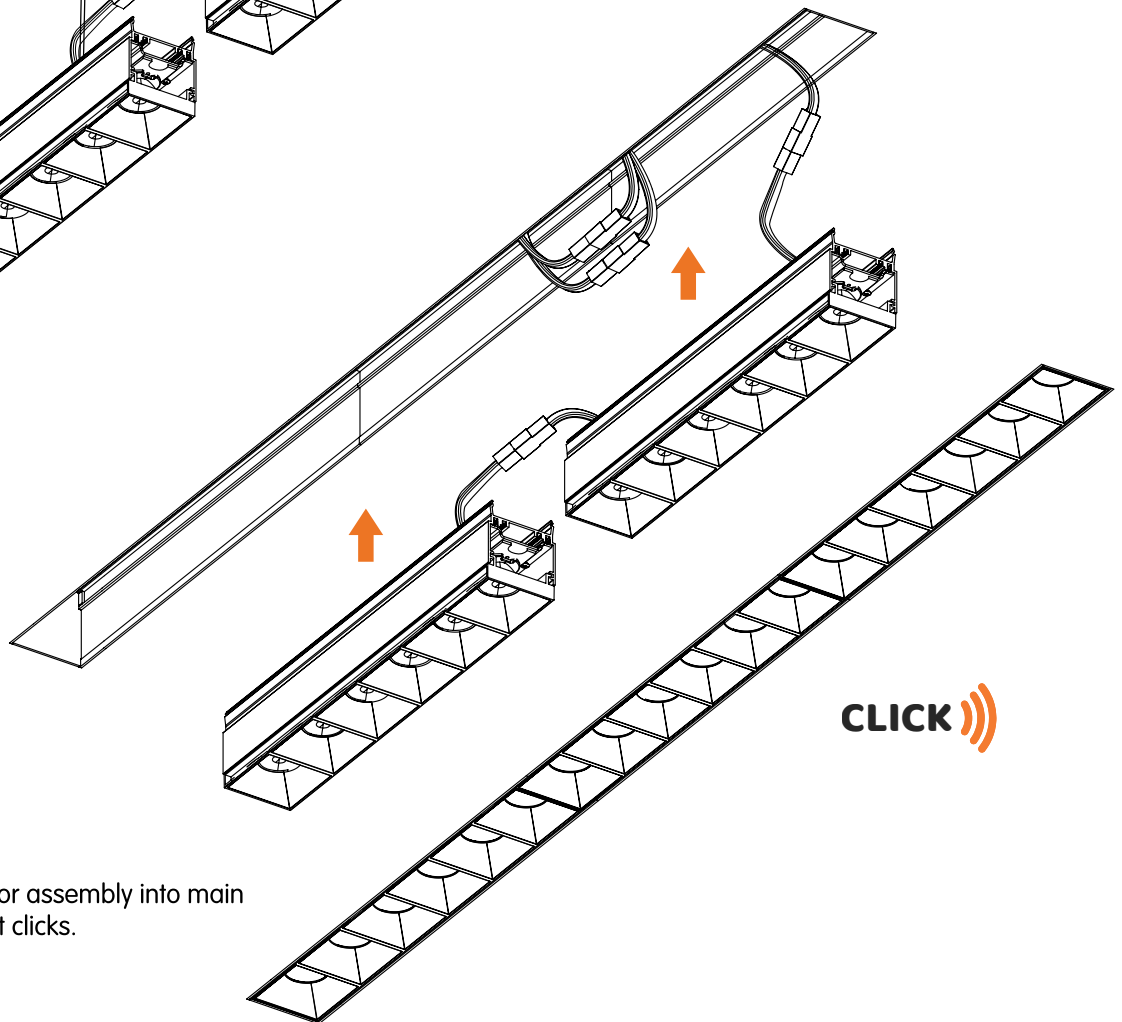
- Lay plaster on spackle flange.
- Make sure the inside contour of the fixture is clearly defined.





- ▶ 1- Re-attach safety cables.
- ▶ 2- Connect the mains voltage through wiring cables as shown on wiring diagrams (pages 12-14).
- ▶ 3- Connect the low voltage quick connects from the driver.
- ▶ 4- Interconnect led modules together using the low voltage quick-connects.
- ▶ Refer to the factory shop drawings for final run lengths.

12.



13.

- ▶ Insert reflector assembly into main profile until it clicks.

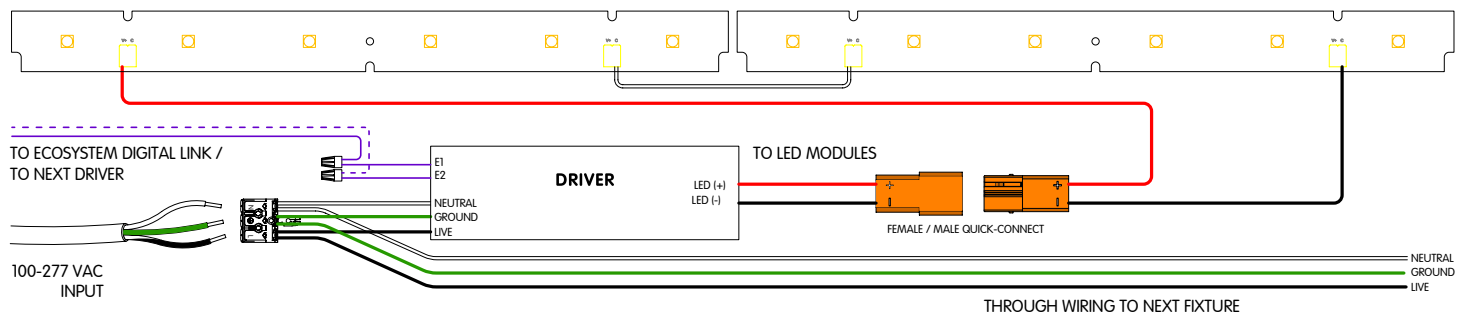


**WARNING:** Do not exceed the rated wattage of the through wiring cables or the connectors.  
For all continuous runs, refer to factory shop drawing indicating exact dimensions and feed locations.

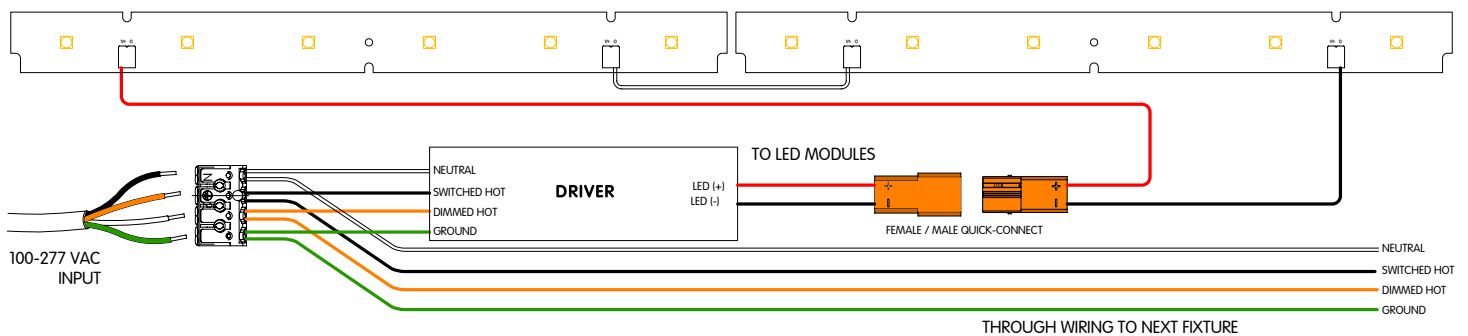
## C. WIRING DETAILS

### ► Monochromatic White

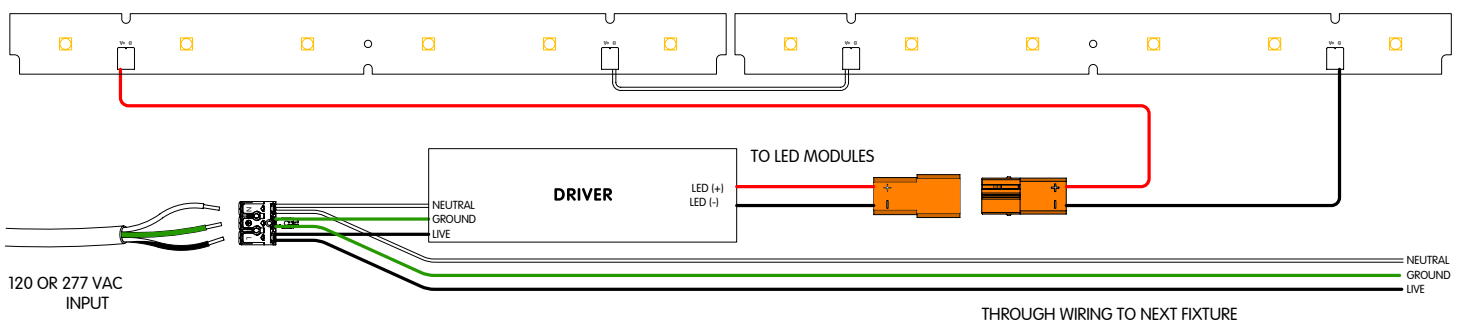
LUTRON ECOSYSTEM WIRING DIAGRAM



LUTRON 3 WIRE WIRING DIAGRAM

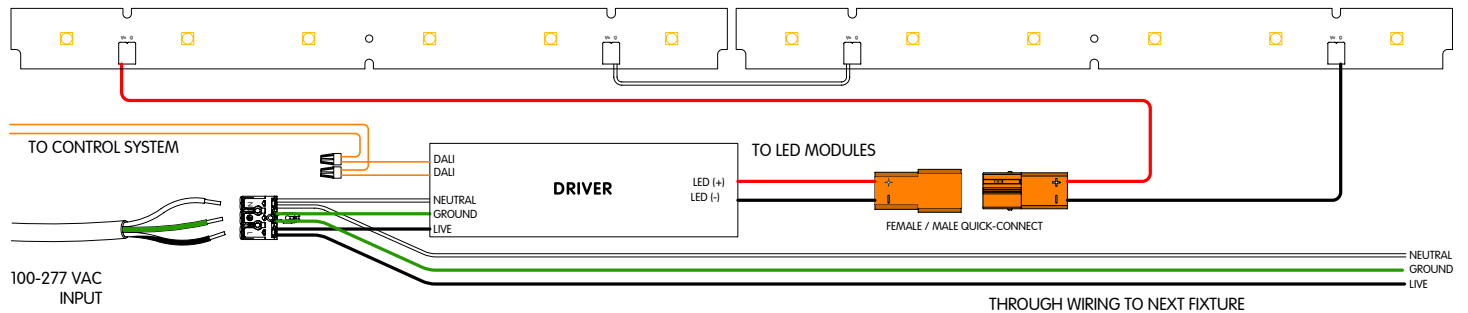


ELV / LUTRON 2 WIRE DIM / NON DIM WIRING DIAGRAM

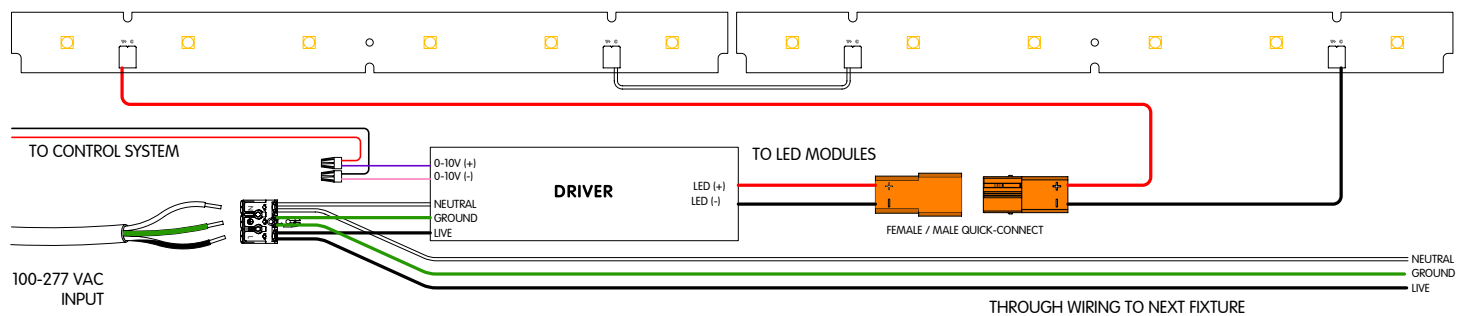


## ► Monochromatic White

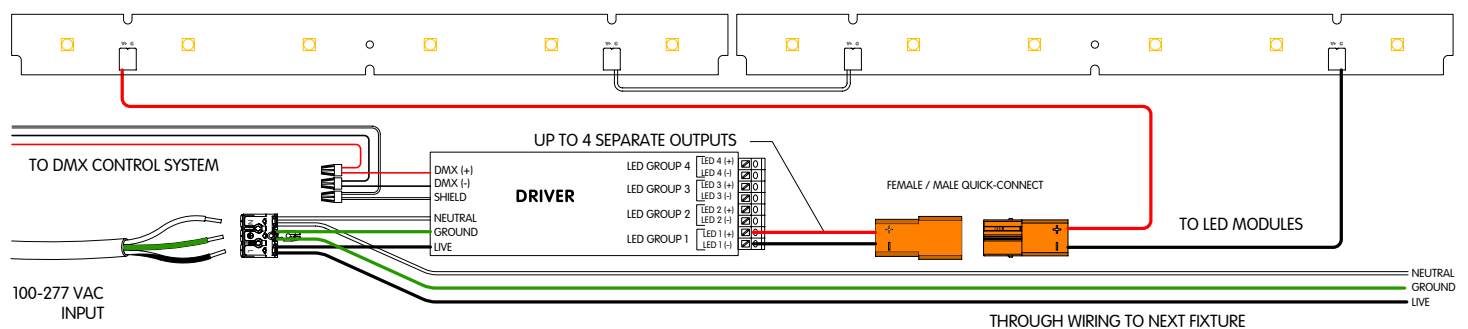
DALI WIRING DIAGRAM



0-10V WIRING DIAGRAM

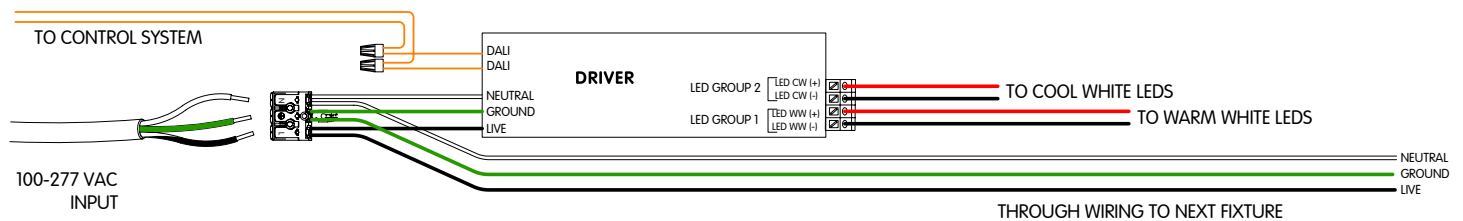


DMX WIRING DIAGRAM

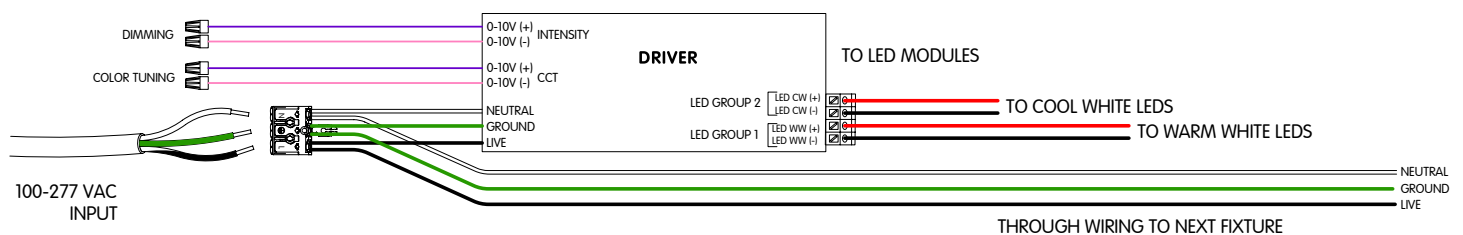


## ► Tunable White

### 2 CHANNELS DALI WIRING DIAGRAM



### 2 CHANNELS 0-10V WIRING DIAGRAM



Failure to follow the wiring color coding and connectors pin labeling will void the fixtures warranty.