20 Linear Mini Z Cove

WG-20MZC

Perimeter

Recessed Plaster Trim

Installation Instructions

Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.

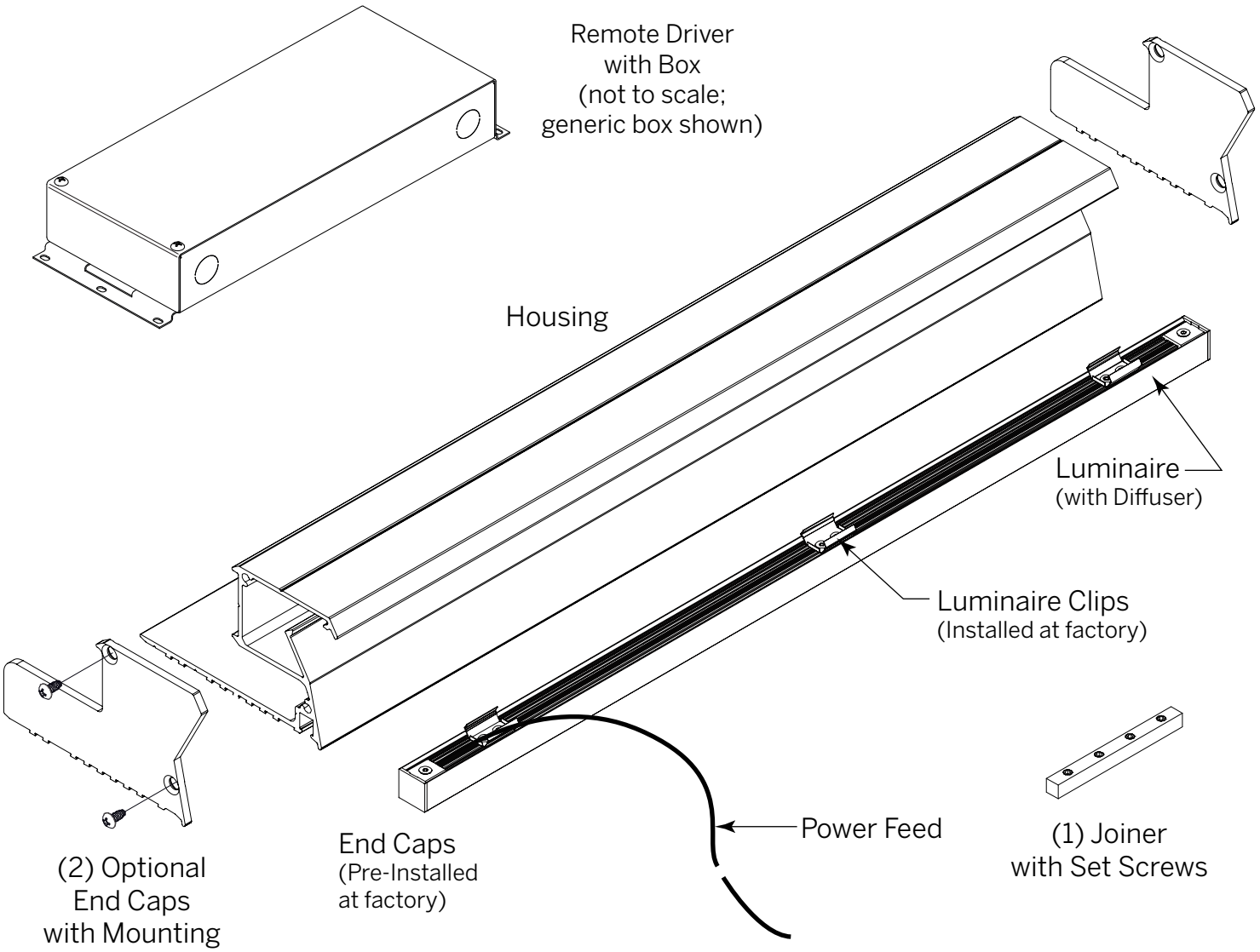
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect to a live driver!!!

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

Step 1 - *Open the Box*

Unpack luminaire unit. Unit consists of (3) major parts: Housing, Luminaire with Diffuser, and Remote Driver with Box. Plenum-rated cable with bare leads is also provided. Remote Drivers and Boxes are supplied by Inter-lux.

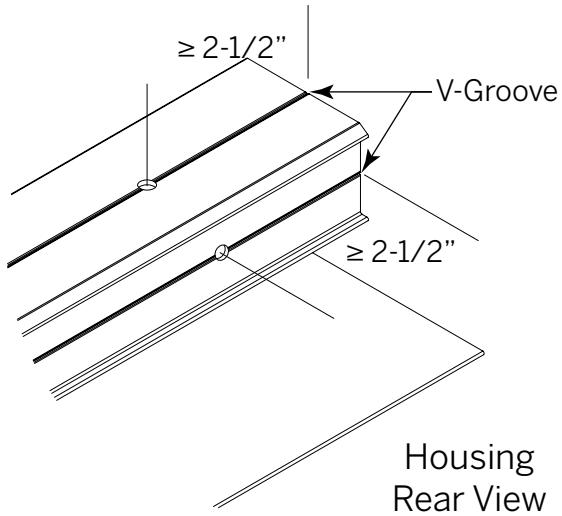


NOTE: All fixation hardware supplied with mounting screws

Need Help?

Step 2 - ***Prep Housing***

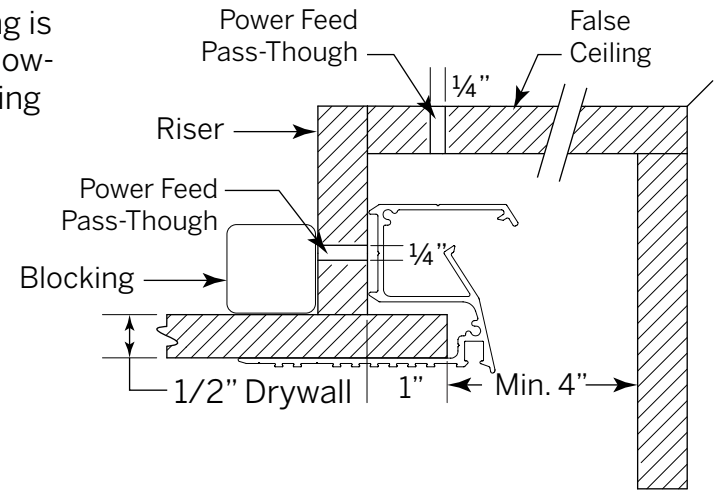
Drill a hole at least 2-1/2" from the end of the Housing on the V-Groove on the top ***OR*** back surface for the Power Feed.

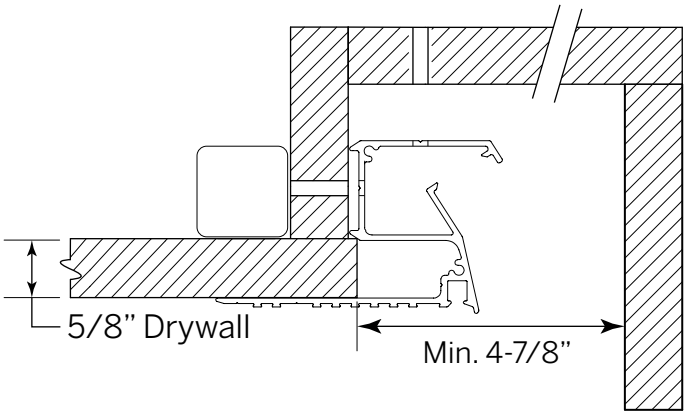


Step 3 - ***Prep Ceiling***

a Construct a false ceiling as shown at right. Housing is designed to fit ½" drywall, as shown top right. If, however, you are installing into 5/8" drywall, see drawing bottom right.

b Drill a hole as a Power Feed Pass-Through in the False Ceiling ***OR*** the Riser corresponding to and aligning with hole drilled in housing.

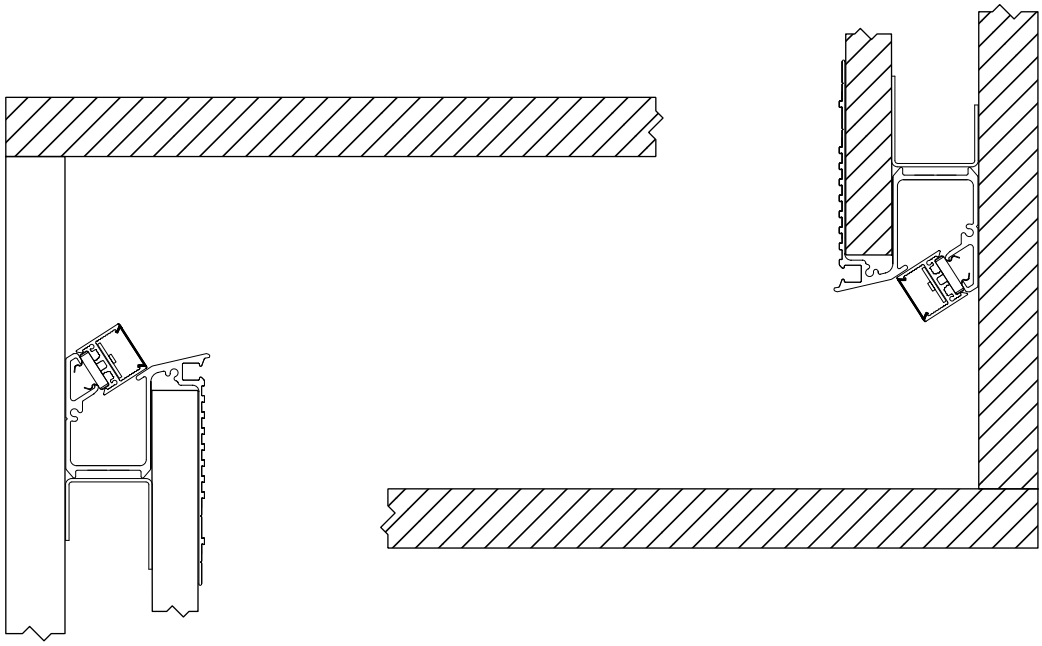




Need Help?

Step 3 - ***Prep Ceiling*** *(continued)*

Other ways to use 20 Linear Mini Z Cove shown below, with C-Channel used as blocking.

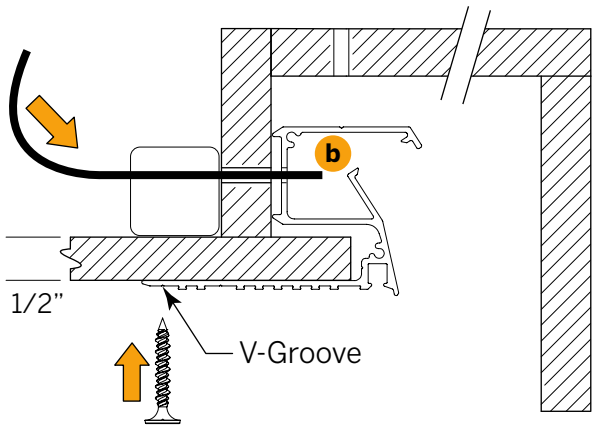


Step 4 - ***Install Housing***

a Pull Power Feed into Housing.

b Secure Housing by with screws (by others) fastened to Blocking.

Note that screw holes need to be drilled by contractor along V-Groove on bottom of profile, as noted.



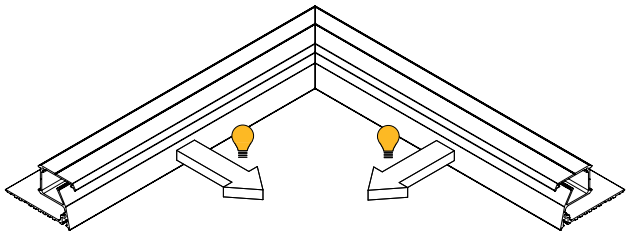
Multi Unit Runs
Secure each additional Housing to Blocking after Joining Units

If installing a Stand Alone Unit, Skip to **Step 6**

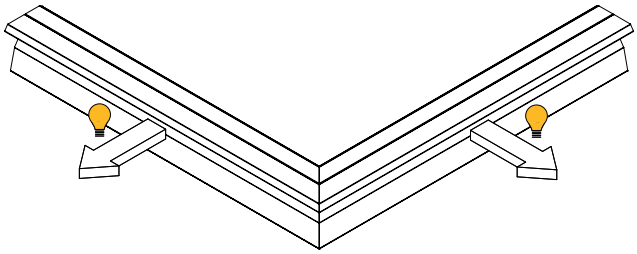
Need Help?

Step 4 - ***Install Housing*** *(continued)*

When installing a Pattern, starting with the Corner. The Pattern Inside and Outside Corners (PI and PO) are supplied as left and right housings that are assembled by using a supplied right-angle Joiner. Follow ***Step 5*** to join to existing Run. Arrows indicate light direction.



Pattern Inside (PI)

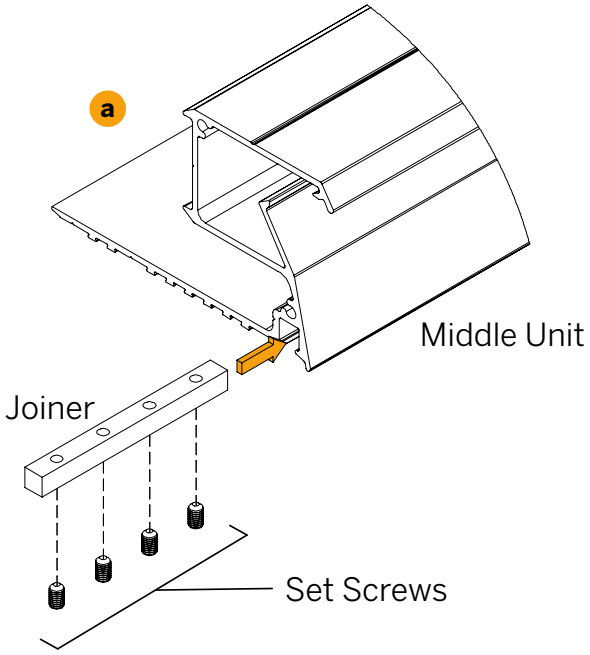


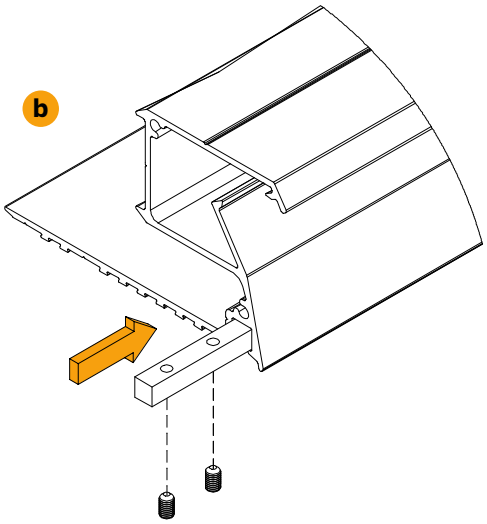
Pattern Outside (PO)

Step 5 - ***Join Units*** - *Multi Unit Run only*

a Locate Joiner. Insert Joiner into square channel at bottom front of adjacent housing of (first) Middle Unit.

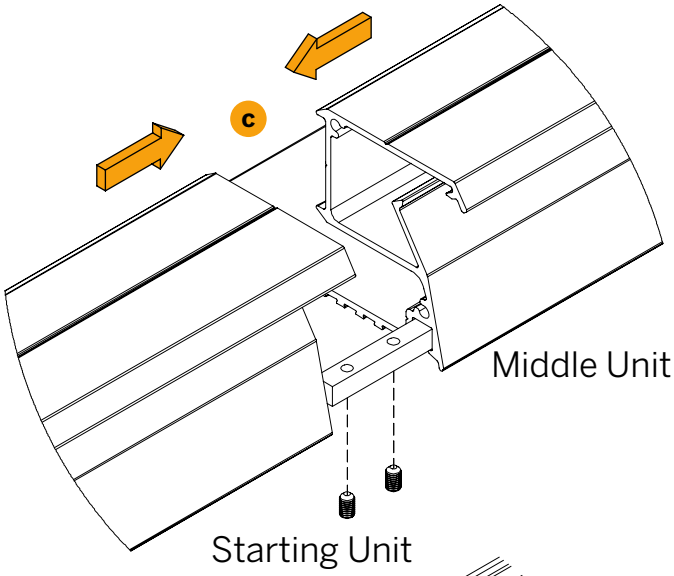
b Insert Joiner approximately halfway and tighten supplied Set Screws. Arrows indicate light direction.





Need Help?

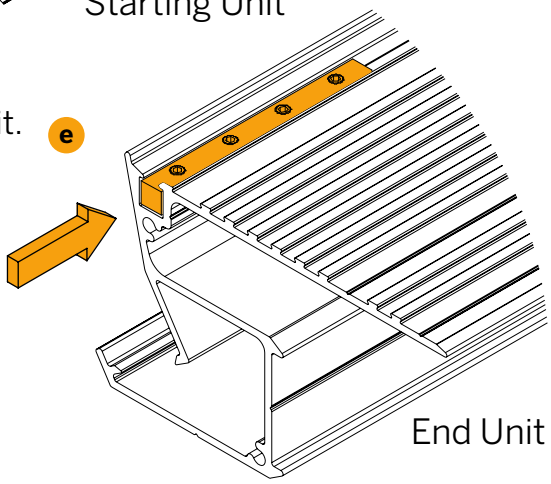
Step 5 - ***Join Units*** *(continued)*



c Bring Starting Unit and (first) Middle Unit together. Insert free end of Jointer into corresponding channel of Starting Unit. Tighten Set Screws secure to Starting Unit.

d Repeat steps **a** to **c** for however many Middle Units.

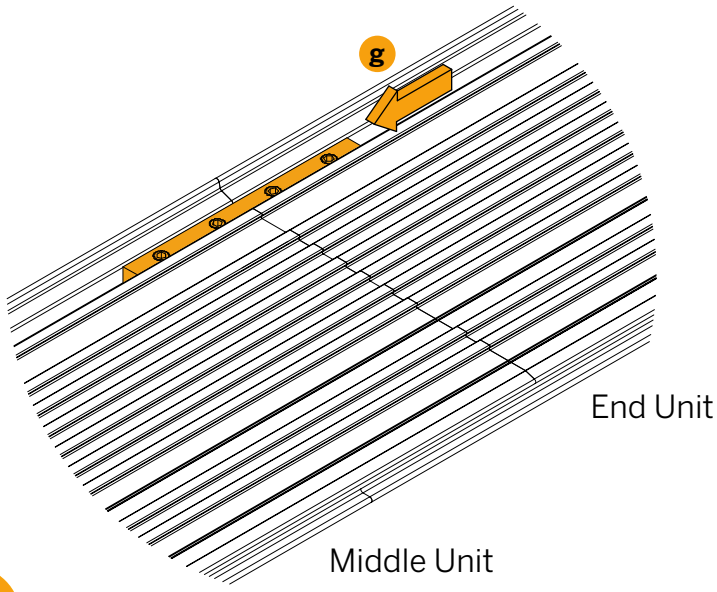
e Slide the Joiner for the End Unit completely into the Unit. Do not tighten Set Screws.



f Place End Unit adjacent to Middle Unit.

g Slide Joiner back to bridge both Units.

h Tighten all Set Screws.



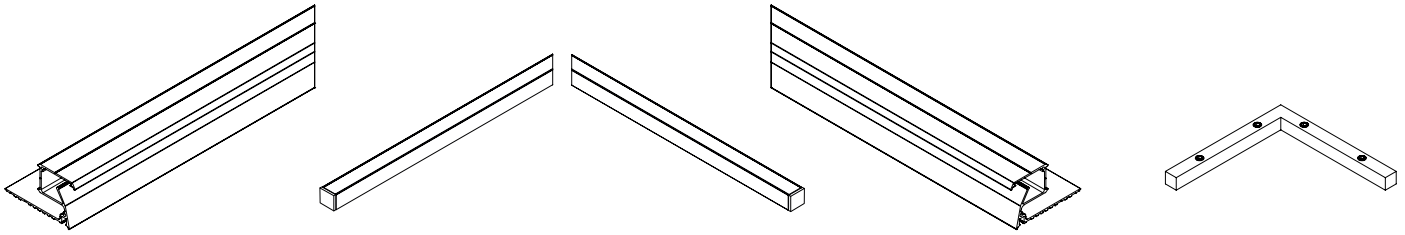
Need Help?

Step 5 - ***Join Units*** *(continued)*

Corner Units

Corners are supplied as (2) matching Legs, and a special Corner Joiner Kit accompanies each pair. The kit consists of (1) Narrow 90° Joiner, and (4) set screws.

Pattern Coffer (PC)

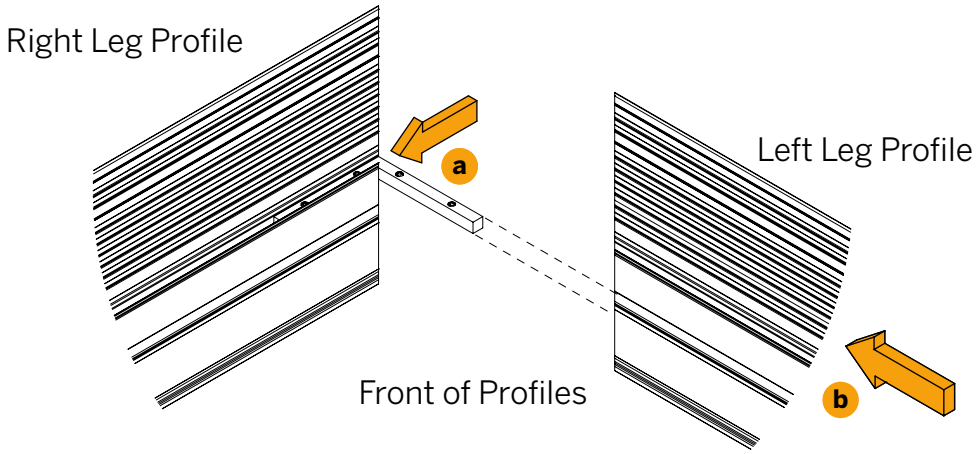


Left Leg Profile

20LDL-SM Inserts
Left & Right
with Diffusers

Right Leg Profile

Corner Joiner Kit



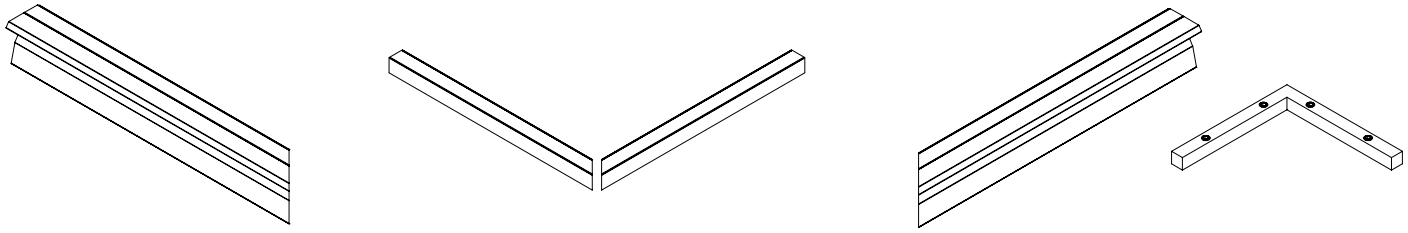
a Slide leg of Corner Joiner completely into underside Joiner Channel of Right Leg Profile, as shown. Tighten Set Screws to fasten to Right Leg Profile.

b Line up Joiner Channel of Left Leg Profile with exposed leg of Joiner. Slide Profile onto Joiner. Keeping Corner Legs together, tighten Set Screws to fasten Joiner to Left Leg Profile.

Need Help?

Step 5 - ***Join Units*** *(continued)*

Pattern Raft (PR)

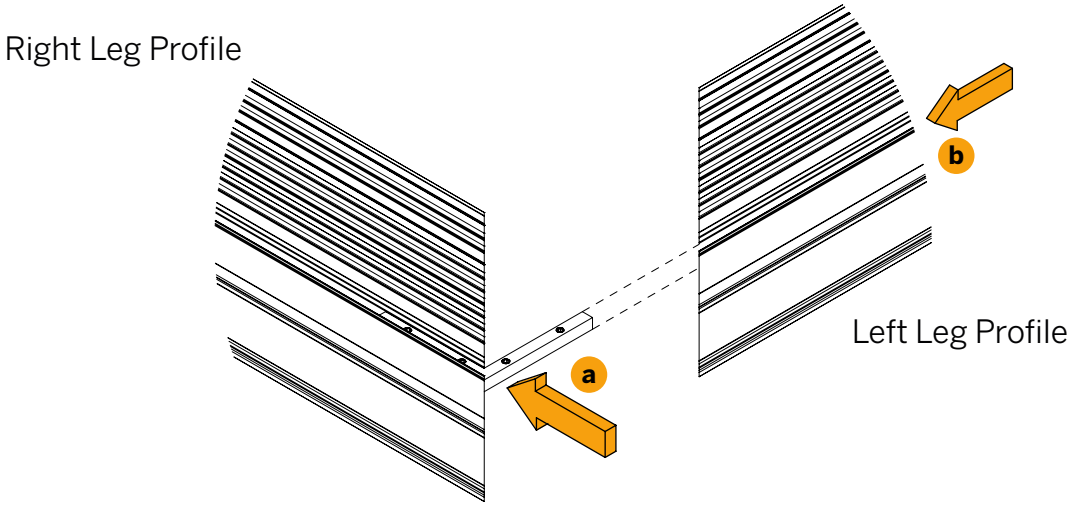


Left Leg Profile

20LDL-SM Inserts
Left & Right
with Diffusers

Right Leg Profile

Corner Joiner Kit



a Slide leg of Corner Joiner completely into underside Joiner Channel of Right Leg Profile, as shown. Tighten Set Screws to fasten to Right Leg Profile.

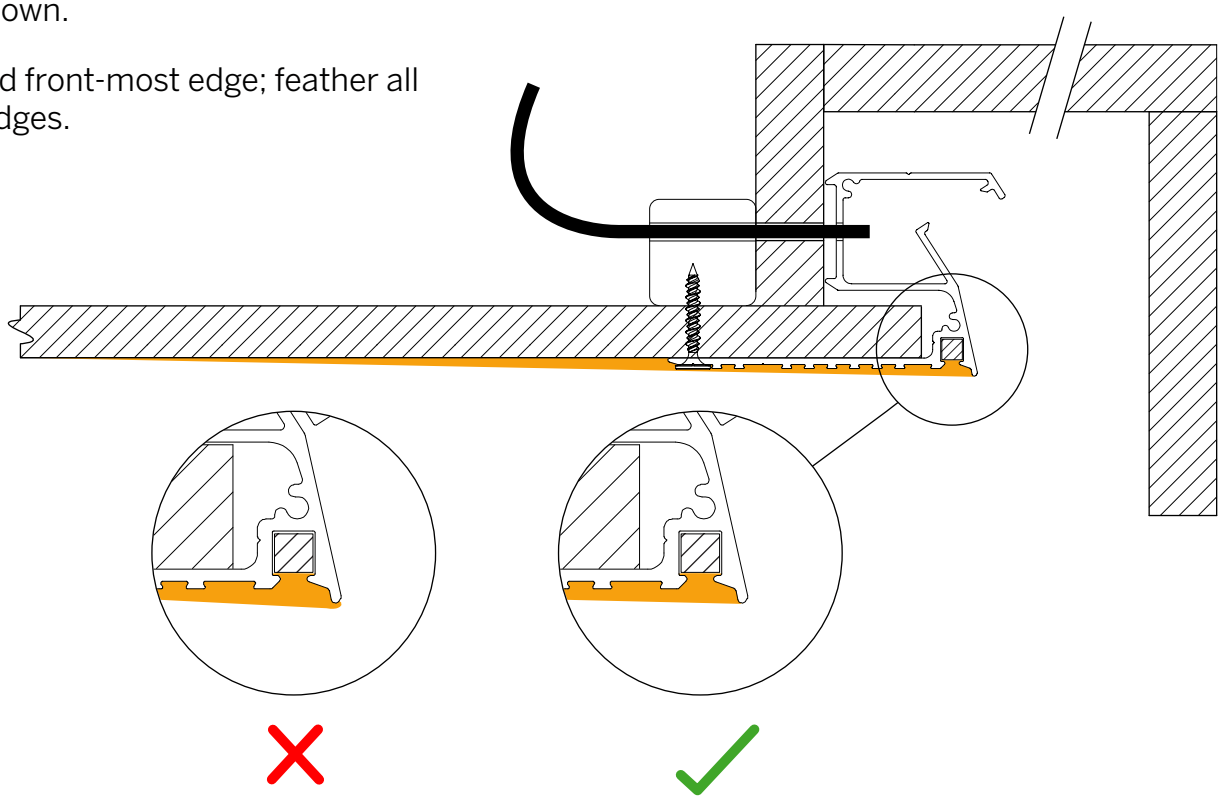
b Line up Joiner Channel of Left Leg Profile with exposed leg of Joiner. Slide Profile onto Joiner. Keeping Corner Legs together, tighten Set Screws to fasten Joiner to Left Leg Profile.

Need Help?

Step 6 - ***Apply Joint Compound***

Apply Joint Compound to the bottom surface of Housing. Cover all channels and mounting screws, as shown.

Do not exceed front-most edge; feather all compound edges.

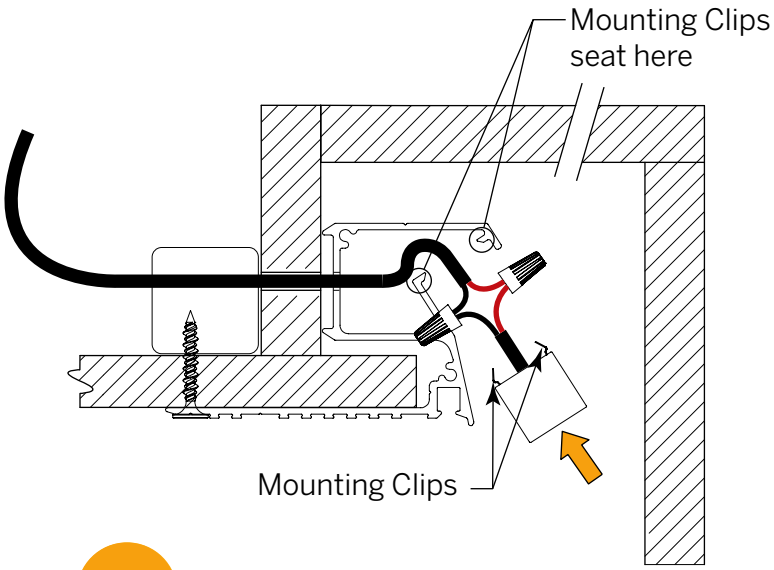


Step 7 - ***Wire Luminaire***

a Connect Power Lead from Luminaire to Power Lead from Remote Driver with appropriate connector (by others).

b Push wiring into Housing, followed by Luminaire. Mounting Clips will engage Housing as shown at right.

c *Energize!*



Need Help?

20 Linear Mini Z Cove

WG-20MZC

Perimeter

Recessed Plaster Trim

Wiring Diagrams

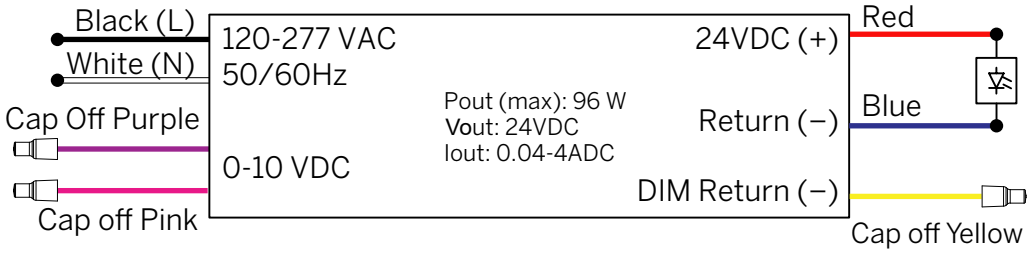
9/13

D010 = eldoLED, 10% 0-10V dimming, *(Warm Dim only)* p. 9
DPH = Phase Dimming, 1% dimming, *(Warm Dim only)* p. 10
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)* p. 10
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Warm Dim only)* p. 11
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)* p. 11
DALI = eldoLED DALI-1 (DT6), 0.1% dimming, *(Warm Dim only)* p. 12
DMX = eldoLED 24V, 0.1% DMX dimming, *(Warm Dim + RGBW only)* p. 12
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming, *(Static or Tunable White)* p. 13
D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming, *(Tunable White only)* p. 13

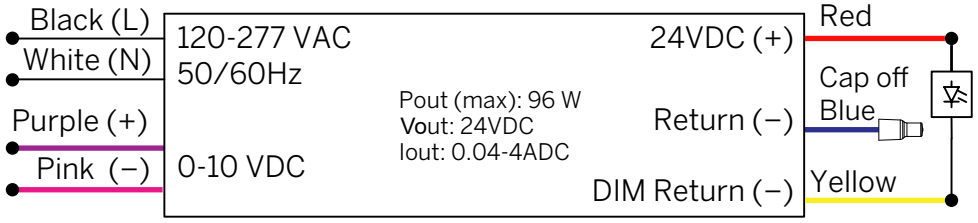
All Drivers are Remote.

S/D010 = eldoLED, Non-Dim or 10% 0-10V dimming (120-277V)

Non-Dimming



Dimming



WARNING: If not connected to a 0-10V dimmer, driver MUST be wired as Non-dim. Not doing so can cause the driver and the fixtures to fail prematurely.

Need Help?

20 Linear Mini Z Cove

WG-20MZC

Perimeter

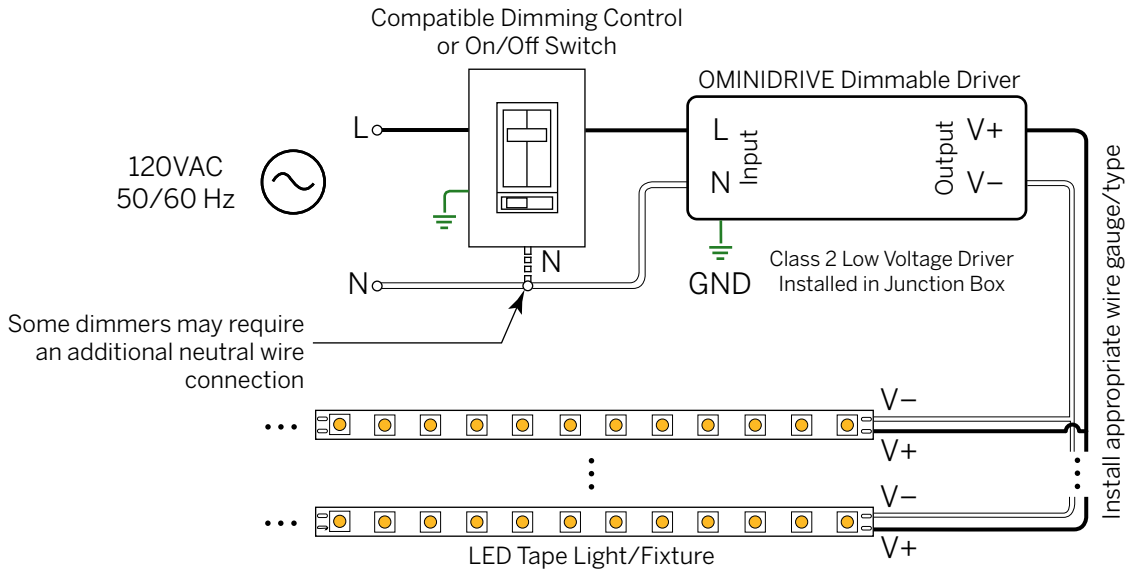
Recessed Plaster Trim

Wiring Diagrams

10/13

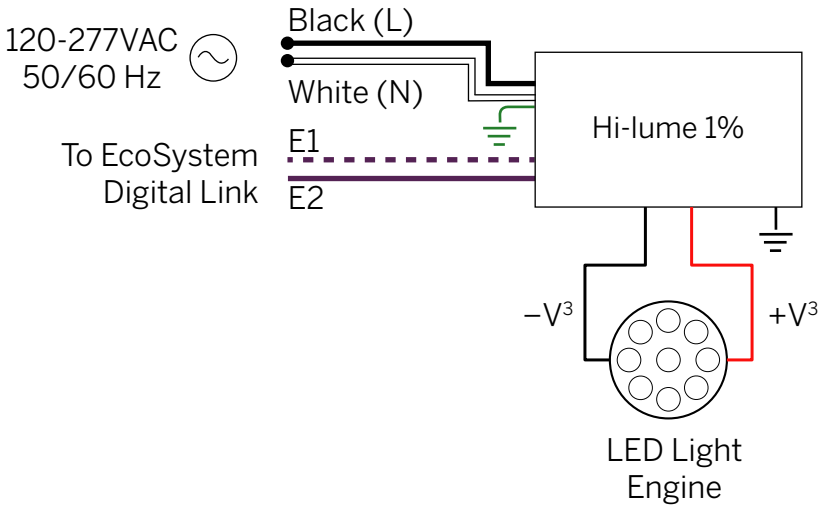
DPH = Phase Dimming, 1% dimming (120V only)

Warm Dim only!



L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

Warm Dim only!



Need Help?

20 Linear Mini Z Cove

WG-20MZC

Perimeter

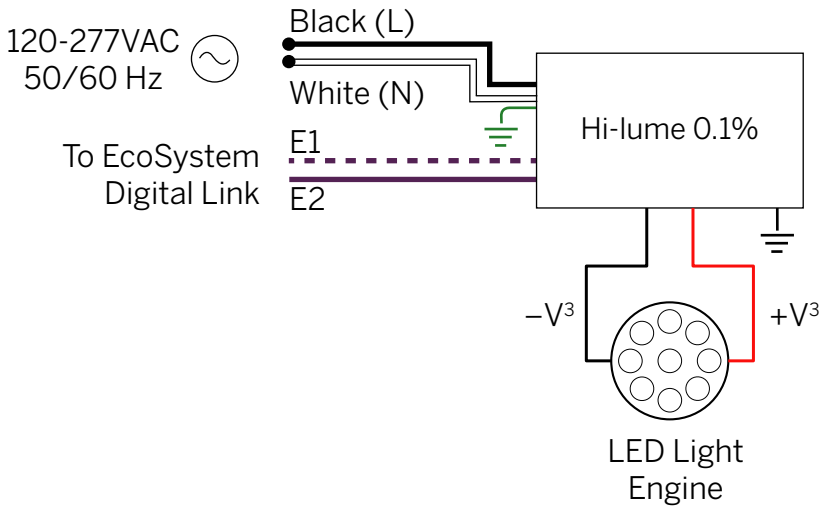
Recessed Plaster Trim

Wiring Diagrams

11/13

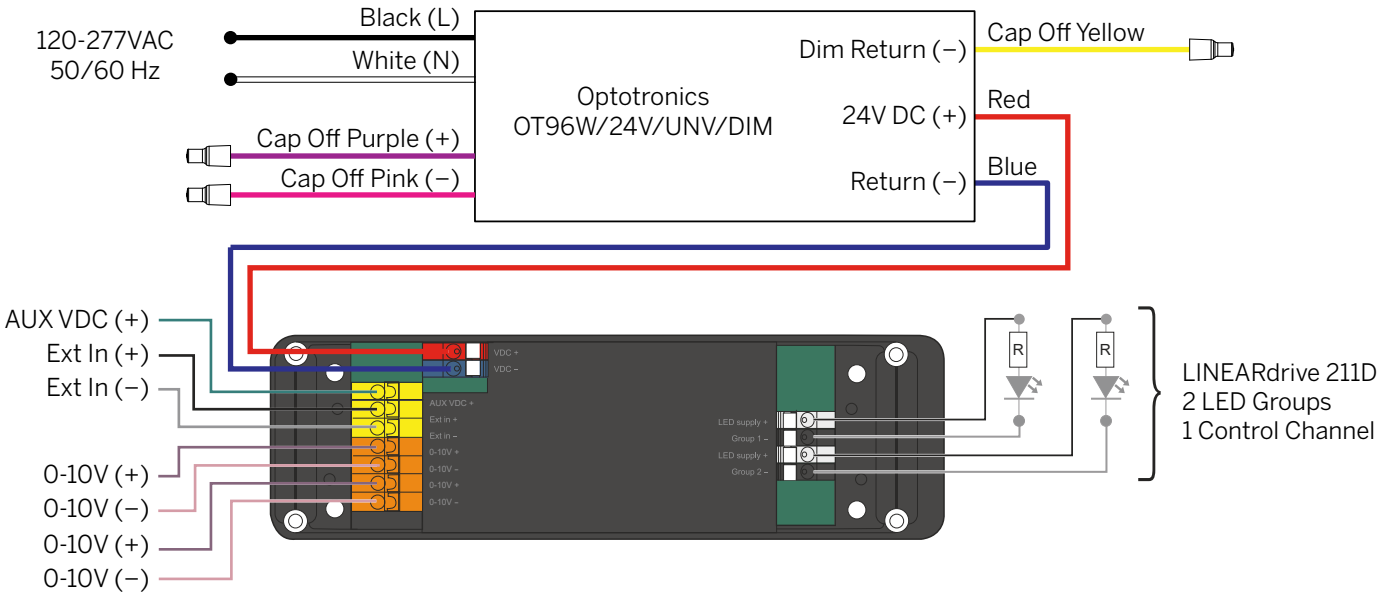
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem (120-277V)

Warm Dim only!



EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

Warm Dim only!



Need Help?

20 Linear Mini Z Cove

WG-20MZC

Perimeter

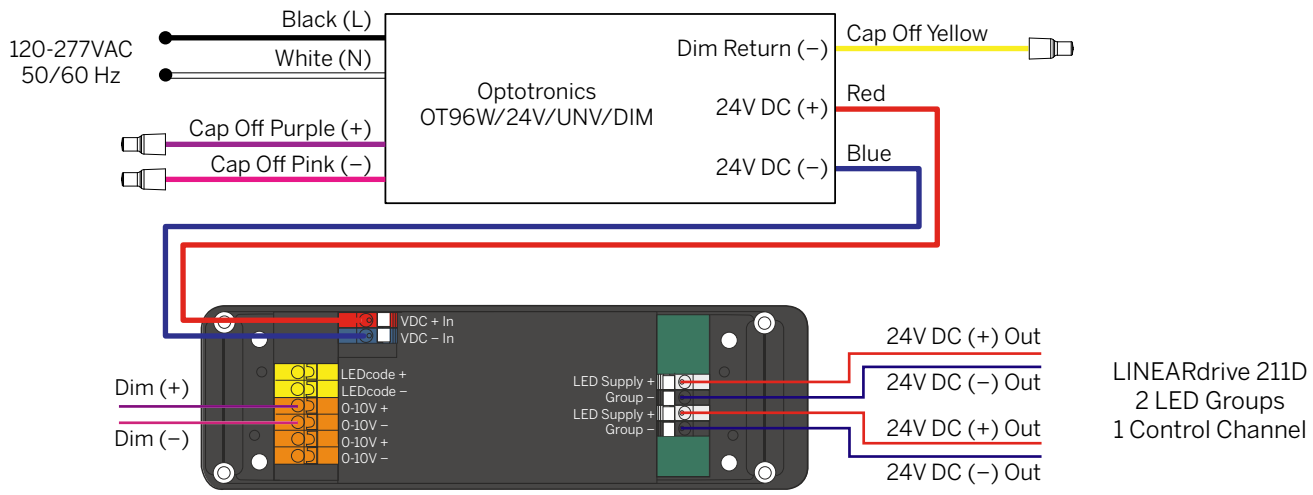
Recessed Plaster Trim

Wiring Diagrams

12/13

DALI = eldoLED DALI-1 (DT6), 0.1% dimming (120-277V)

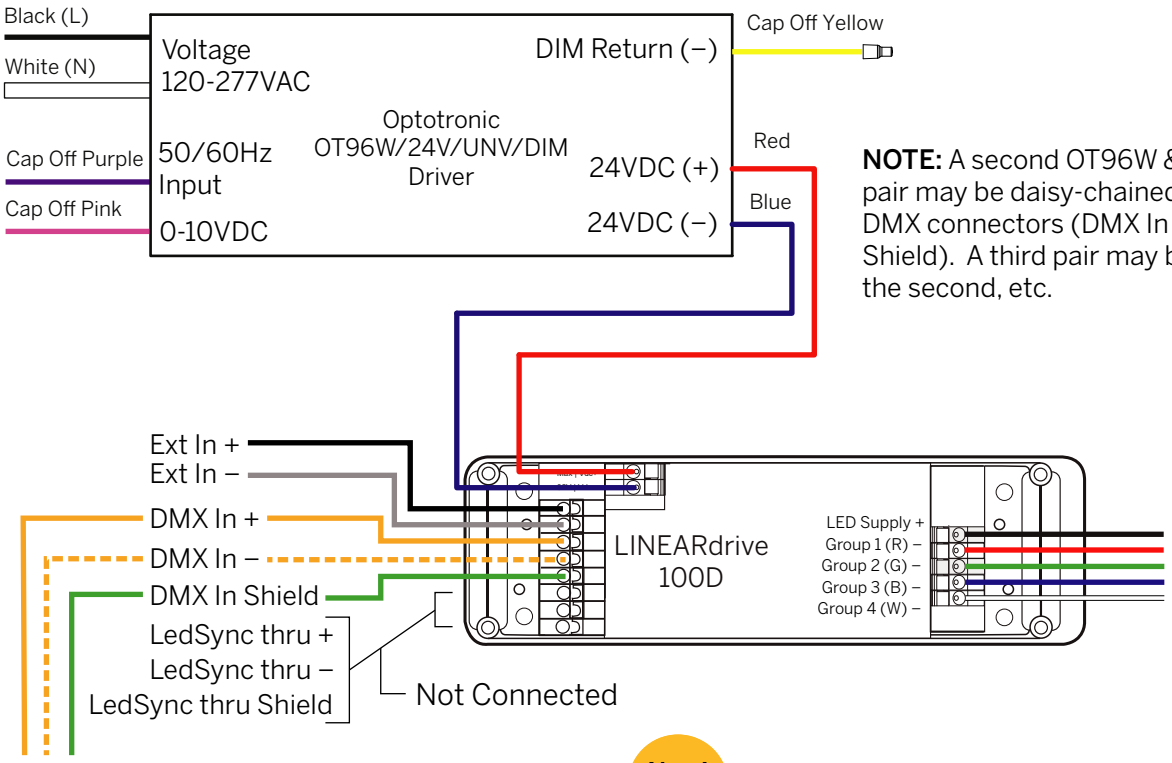
Warm Dim only!



LINEARdrive 211D
2 LED Groups
1 Control Channel

DMX = eldoLED 24V, 0.1% DMX dimming

Warm Dim + RGBW only!



NOTE: A second OT96W & LINEARdrive 100D pair may be daisy-chained to the first set of DMX connectors (DMX In +, DMX In –, DMX In Shield). A third pair may be daisy-chained to the second, etc.

Need Help?

20 Linear Mini Z Cove

WG-20MZC

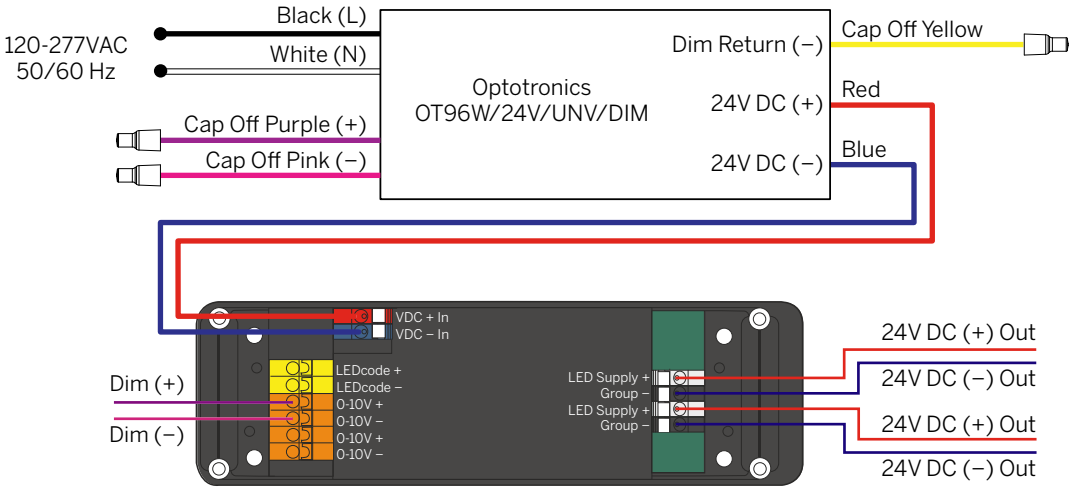
Perimeter

Recessed Plaster Trim

Wiring Diagrams

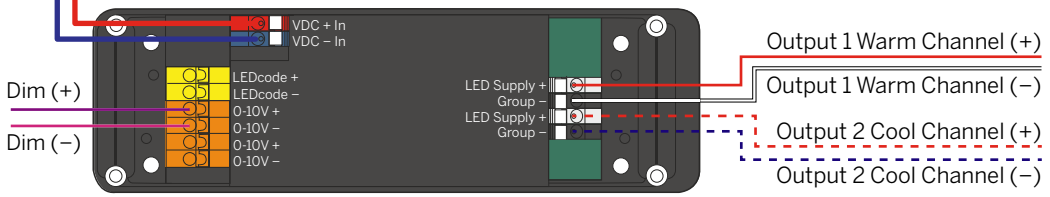
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

Static White only!



LINEARdrive 211D
2 LED Groups
1 Control Channel

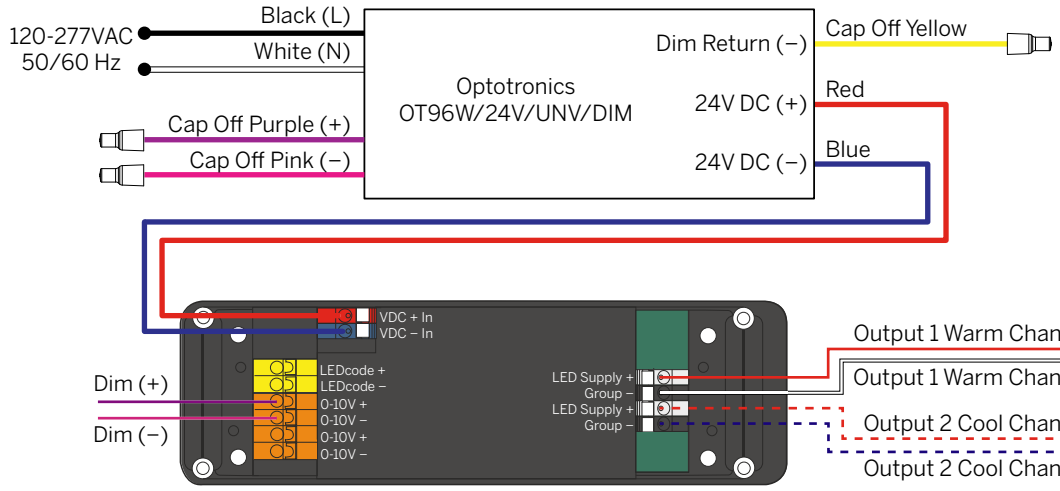
Tunable White only!



LINEARdrive 211D
2 LED Groups
1 Control Channel

D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming (120-277V)

Tunable White only!



LINEARdrive 211D
2 LED Groups
1 Control Channel

Need Help?