Mini Box Cove (Plaster Trim)

WG-MBC-RPT

Cove

Recessed Plaster Trim

Installation Instructions

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

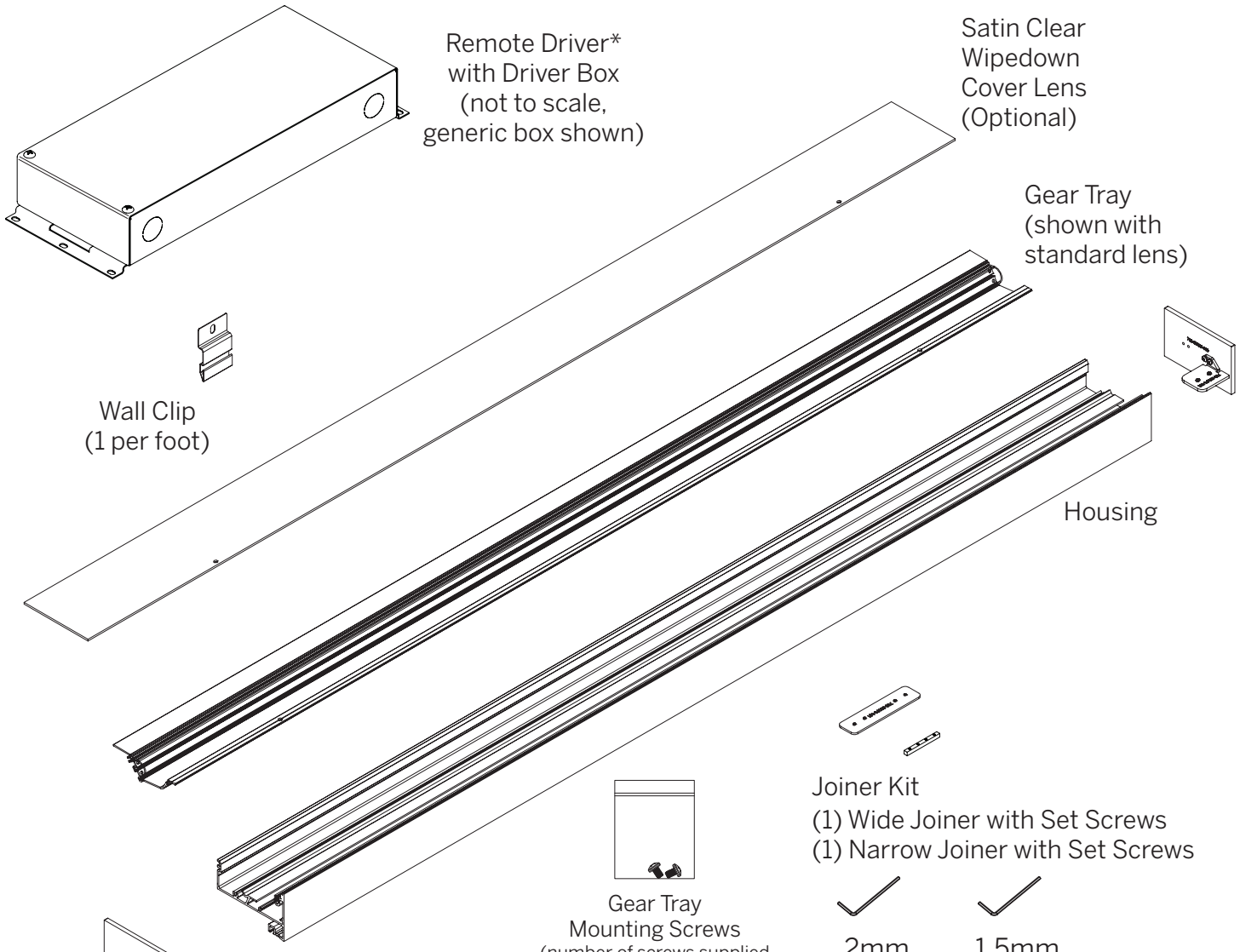
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a fixture 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*

a Unpack Luminaire unit(s). The Luminaire consists of (3) major parts: a Housing, a Gear Tray, and a bag of Mounting Hardware. **Multi Unit Runs** come with Joiner Kits and are supplied with associated hardware. Remote drivers and housings are supplied by Inter-lux.



Need Help?

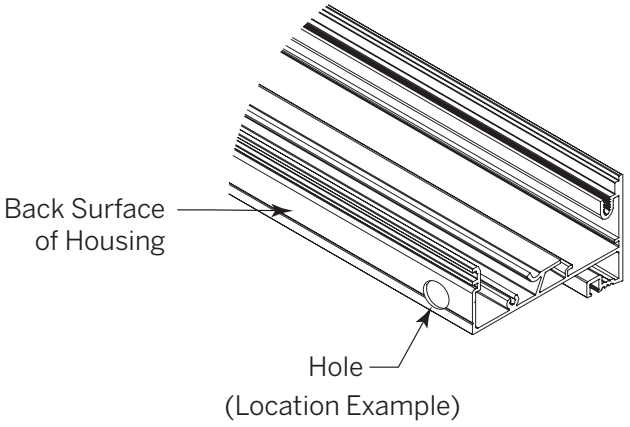
*See Wiring and Driver Pages for actual Remote Driver and Housing Pairings

Step 2 - ***Prep Housing***

On back surface of Housing, drill a 7/8" hole as a Power Feed pass-through. In Multi Unit Runs, this is necessary only on units that receive an incoming power feed.

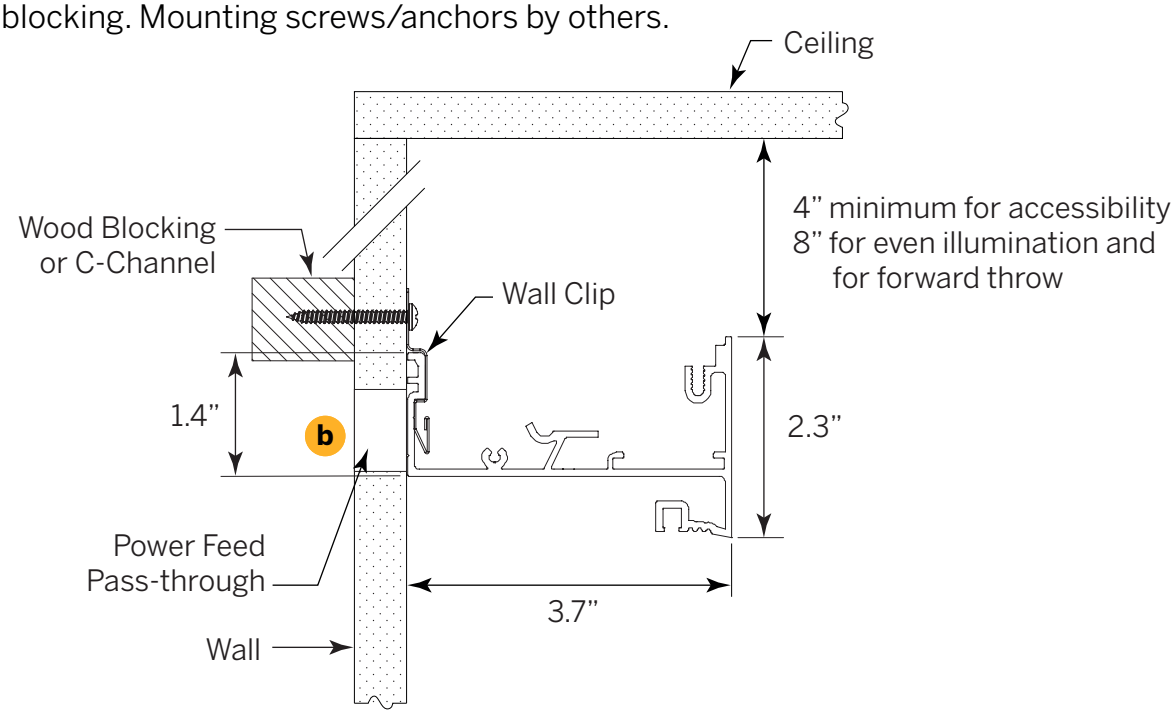
Cable clamp for incoming conduit supplied by others.

NOTE: Location of Power Feed and mounting holes shown at right illustration only. Refer to Record Drawing to determine location based on specific installation.



Step 3 - ***Prep Ceiling***

a Mark level line on wall for Stand Alone unit or for the entire Run. Mount one clip per foot with blocking. Mounting screws/anchors by others.



b Corresponding to Power Feed Hole, drill Hole in Wall for incoming power feed sized for cable clamp (by others).

Need Help?

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WG-MBC-RPT

Cove

Recessed Plaster Trim

3/13

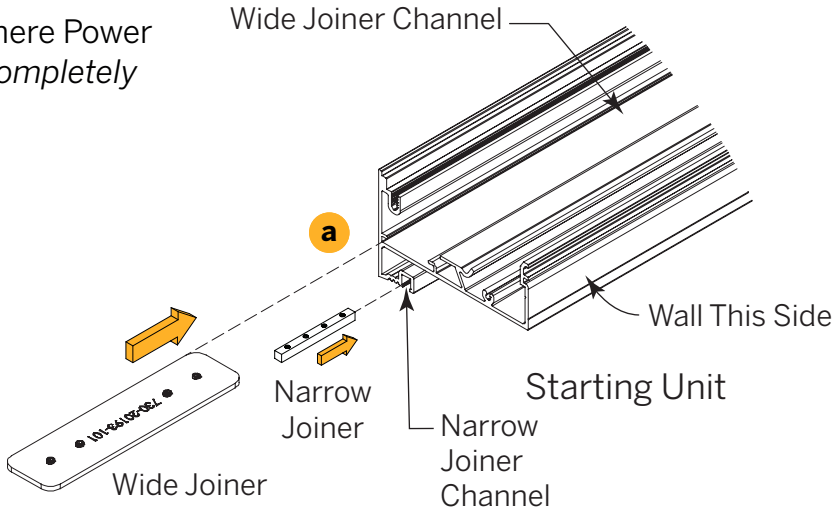
Step 4 - ***Install Joiners*** - *Multi Unit Run only*

a On Starting Unit, at opposite end from where Power Feed Hole was drilled, slide Wide Joiner *completely* into Wide Joiner Channel.

b Do not tighten Set Screws at this time.

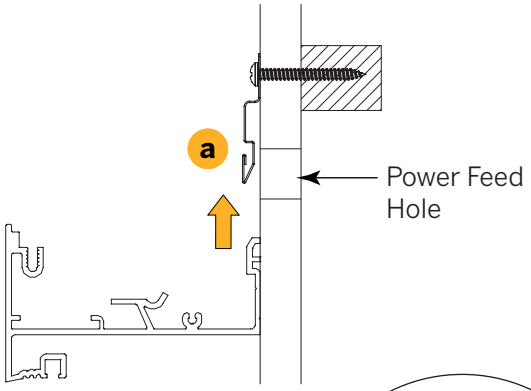
c Similarly, slide Narrow Joiner *completely* into Square Joiner Channel at bottom of Housing.

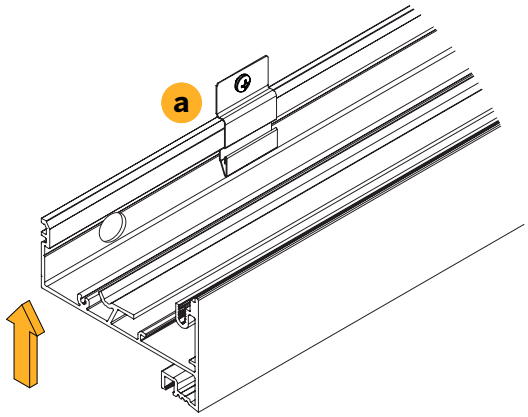
d Do not tighten Set Screws at this time.

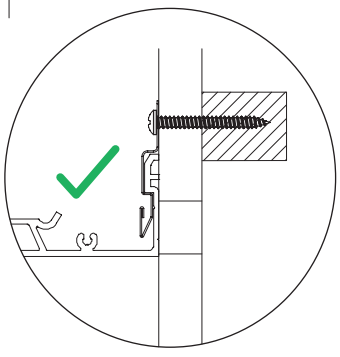


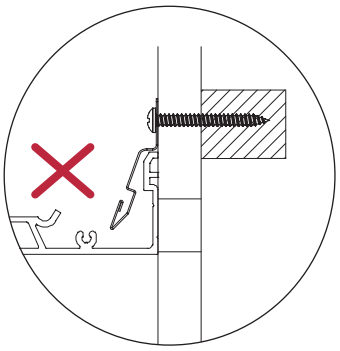
Step 5 - ***Install Housing***

a Slide Housing upward such that Back Rail slides up and underneath Mounting Clip.









Take care not to bend Wall Clip during installation!

Need Help?

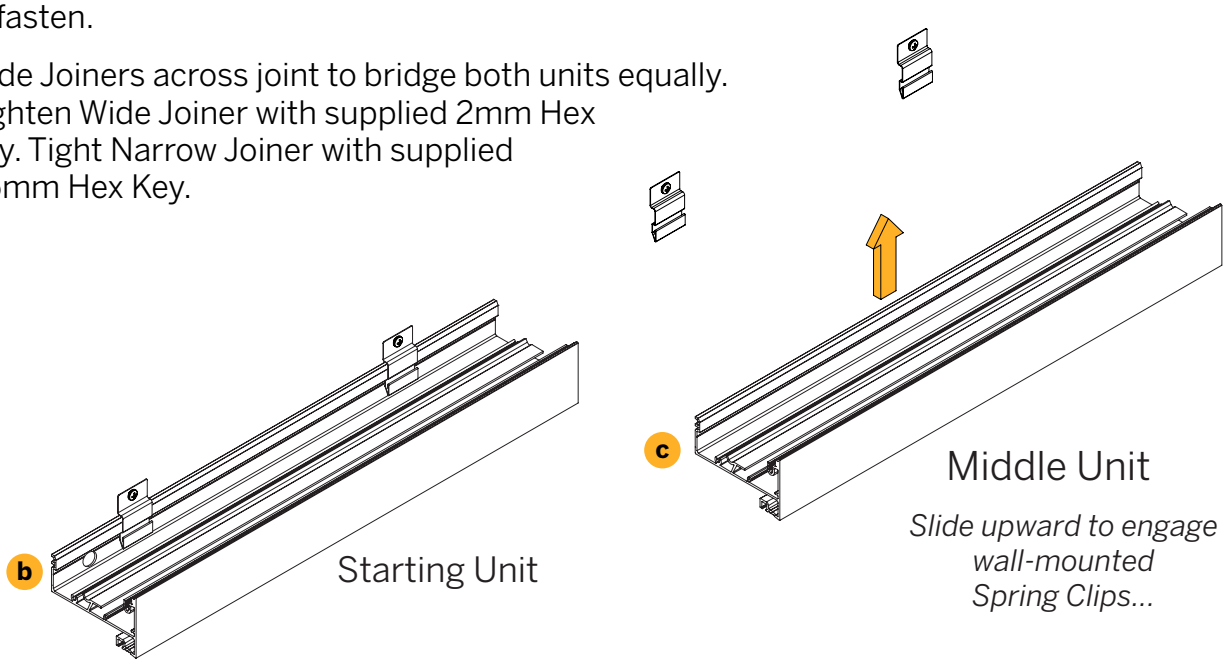
For ***Stand Alone Unit***, Skip to Step 6

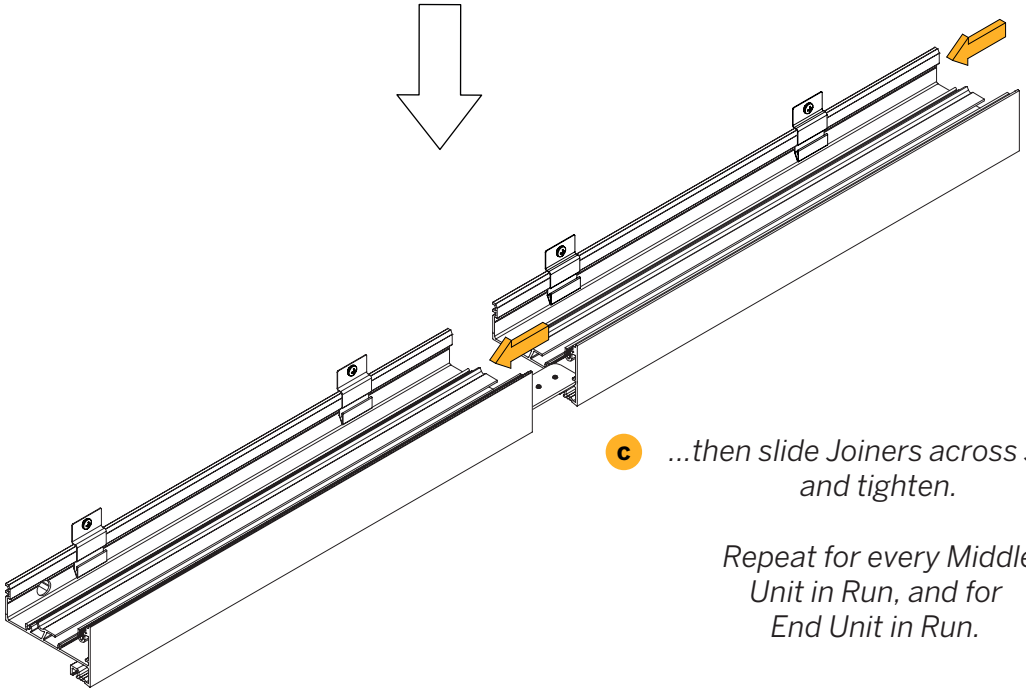
Step 5 - ***Install Housing*** *(continued)*

b Pull Low Voltage wire from Wall and into Feed Hole in Housing (if applicable).

c Repeat ***Step 5a*** for each additional unit, then slide next unit onto exposed Joiners of installed unit. Long runs may have additional power feeds. Tighten Set Screws to fasten.

d Slide Joiners across joint to bridge both units equally. Tighten Wide Joiner with supplied 2mm Hex Key. Tight Narrow Joiner with supplied 1.5mm Hex Key.

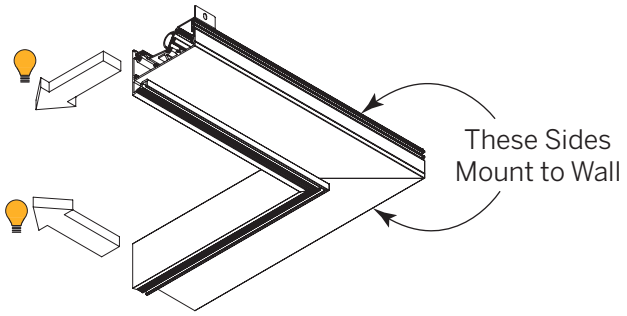




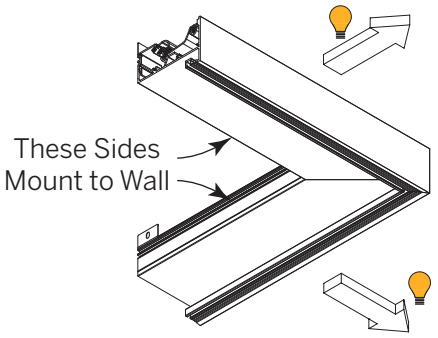
Need Help?

Step 5 - ***Install Housing*** *(continued)*

d When installing a Pattern, start with a Corner. The Pattern Coffer (PC) and the Pattern Raft (PR) are welded at the factory. Follow ***Steps 3 - 5*** to mount to existing Run. Arrows indicate light direction.



Pattern Coffer *(PC)*
Inside Corner



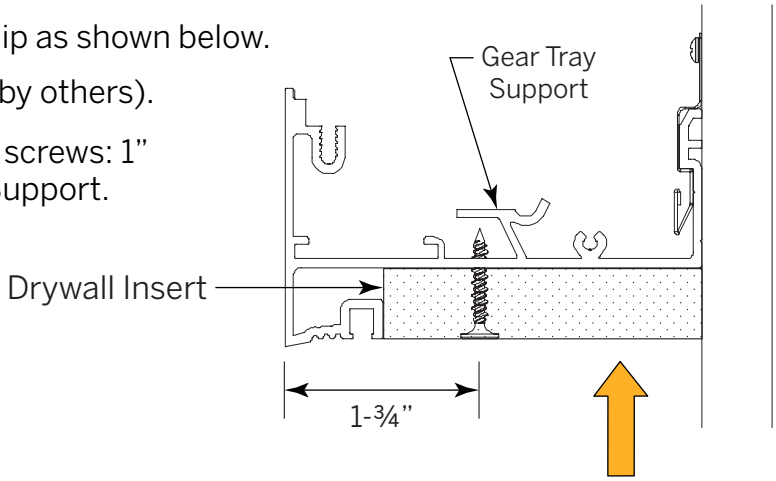
Pattern Raft *(PR)*
Outside Corner

Step 6 - ***Add Drywall Surface***

a Insert 4” wide piece of Drywall behind front lip as shown below.

b Fasten to housing with appropriate screws (by others).

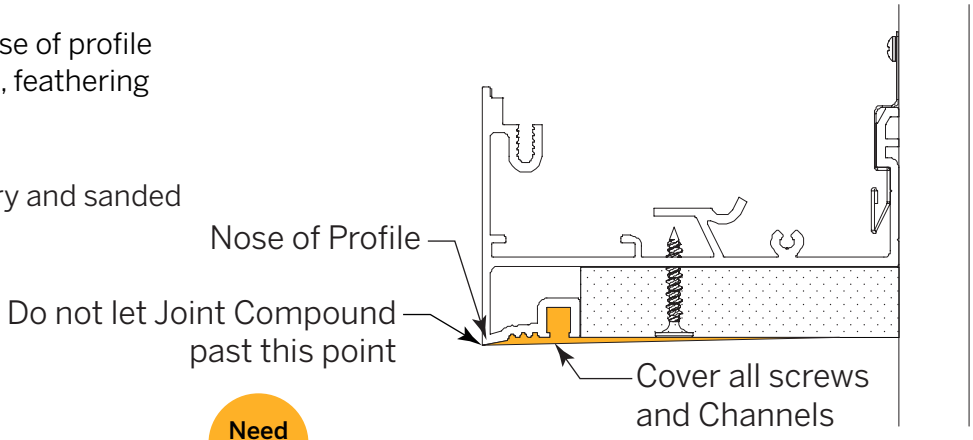
Note available space for screws. Max length screws: 1”
Avoid screwing fastener into the Gear Tray Support.



Step 7 - ***Apply Joint Compound***

Apply Joint Compound under nose of profile covering all channels and screws, feathering all edges.

NOTE: Joint Compound must be dry and sanded before installation of Gear Tray.



Need Help?

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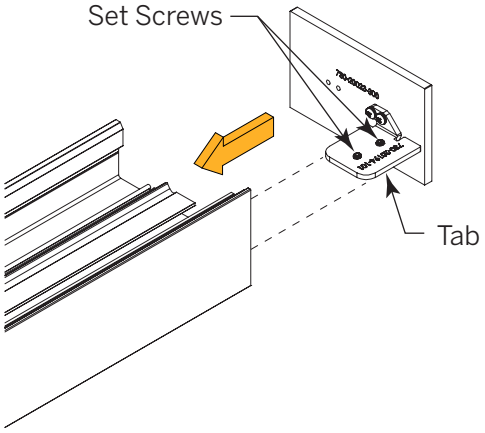
Cove

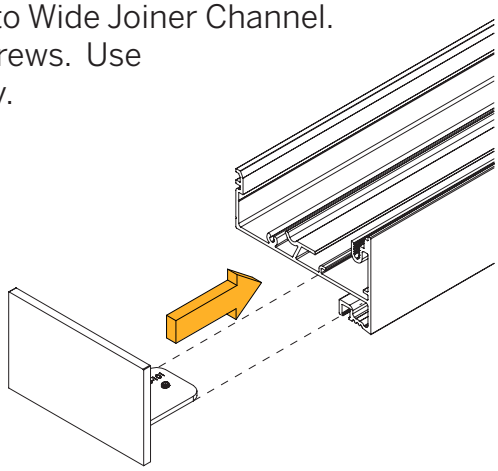
Recessed Plaster Trim

6/13

Step 8 - ***Install Optional End Caps***

- **a** End Caps are inserted on each end of a *Stand Alone Unit*, or at the ends of the Start and End Units of a *Multi Unit Run.*
- **b** Insert End Cap Tabs into Wide Joiner Channel. Fasten with two Set Screws. Use Supplied 2mm Hex Key.



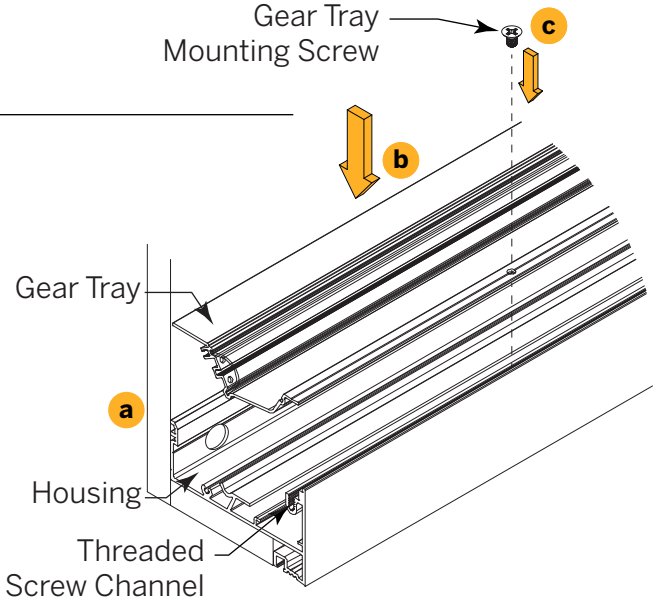


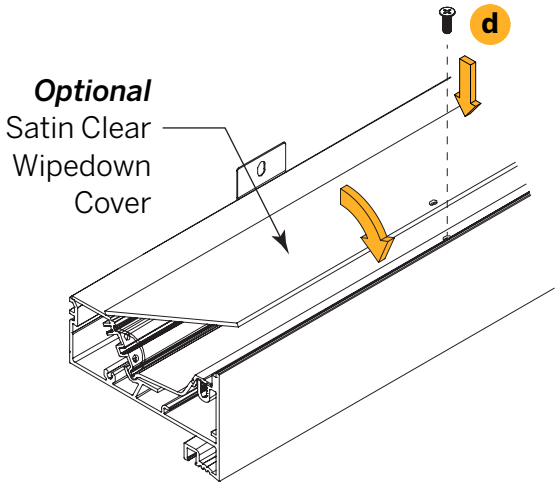
Step 9 - ***Install Gear Tray***

- **a** Connect Incoming Power Feed to Driver
- **b** Tuck Power Feed Cable into Housing, then lower Gear Tray to Cover.
- **c** Fasten Gear Tray to Housing with supplied Mounting Screws into the Threaded Screw Channel.
- **d** For ***optional*** *Satin Clear Wipedown Cover:* Fasten both Gear Tray and Cover with same Mounting Screws into the Threaded Screw Channel.

  NOTE: Mounting Screw can accommodate both the Gear Tray and the Cover. Holes in Gear Tray and Cover align.

- **e** *Energize!*





NOTE: Wall, Ceiling, and Drywall Insert not shown for clarity.

Need Help?

Mini Box Cove (Plaster Trim)

WG-MBC-RPT

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Recessed Plaster Trim

7/13

Wiring Diagrams

E1 = eldoLED 0.1% dimming, 0-10V, *(Static White only)*	p. 7, 8
L1 = Lutron 1% dimming, Ecosystem, *(Static White only)*	p. 8
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming, *(Static or Tunable White)*	p. 8, 9
D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming, *(Tunable White only)*	p. 9
D010 = eldoLED, 10% 0-10V dimming, *(Warm Dim only)*	p. 10
DPH = Phase Dimming, 1% dimming, *(Warm Dim only)*	p. 10
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)*	p. 11
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Warm Dim only)*	p. 11
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)*	p. 12
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. 13

All Drivers are Remote.

E1 = eldoLED 0.1% dimming, 0-10V (120-277V)

Static White only!

30W



50W

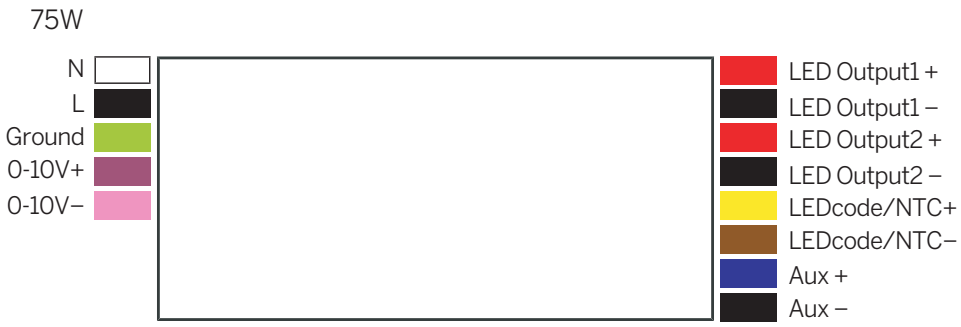


Need Help?

Wiring Diagrams

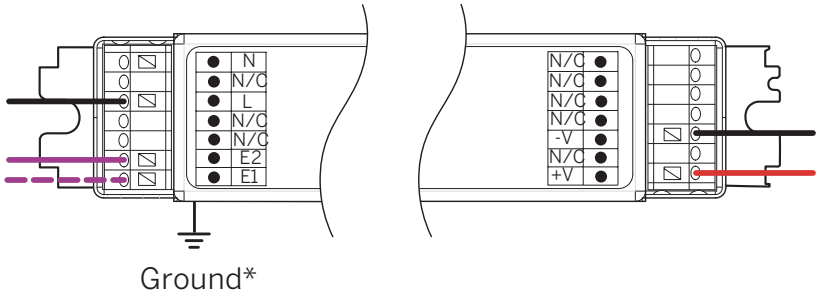
E1 = eldoLED 0.1% dimming, 0-10V (120-277V) *continued*

Static White only!



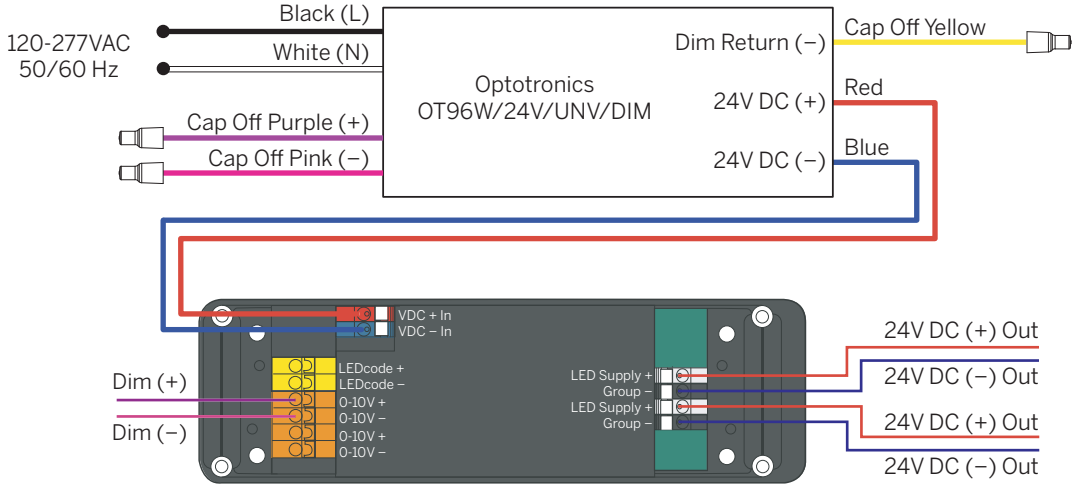
L1 = Lutron 1% dimming, Ecosystem (120-277V)

Static White only!



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

Static White only!

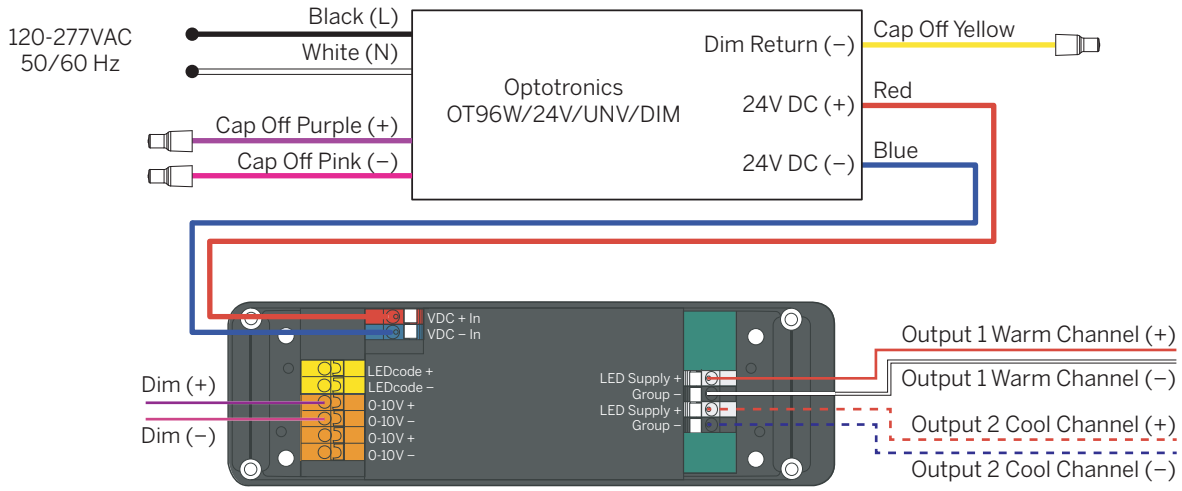


Need Help?

Wiring Diagrams

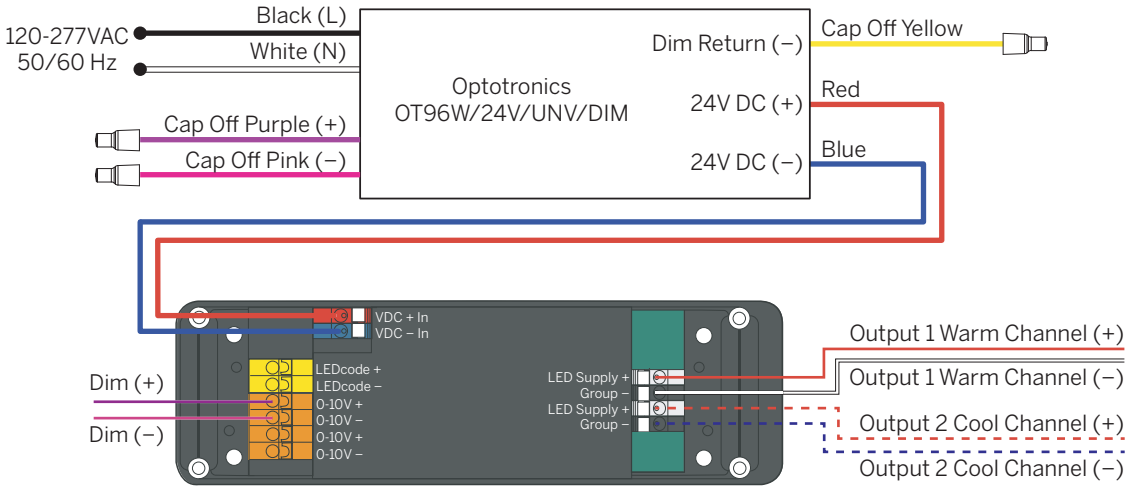
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

Tunable White only!



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

Tunable White only!



Need Help?

Mini Box Cove (Plaster Trim)

WG-MBC-RPT

Cove

Recessed Plaster Trim

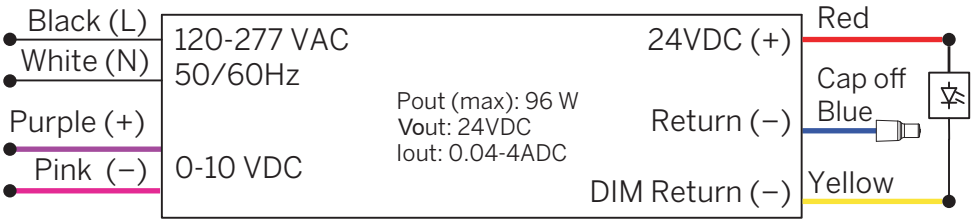
10/13

Wiring Diagrams

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

Warm Dim only!

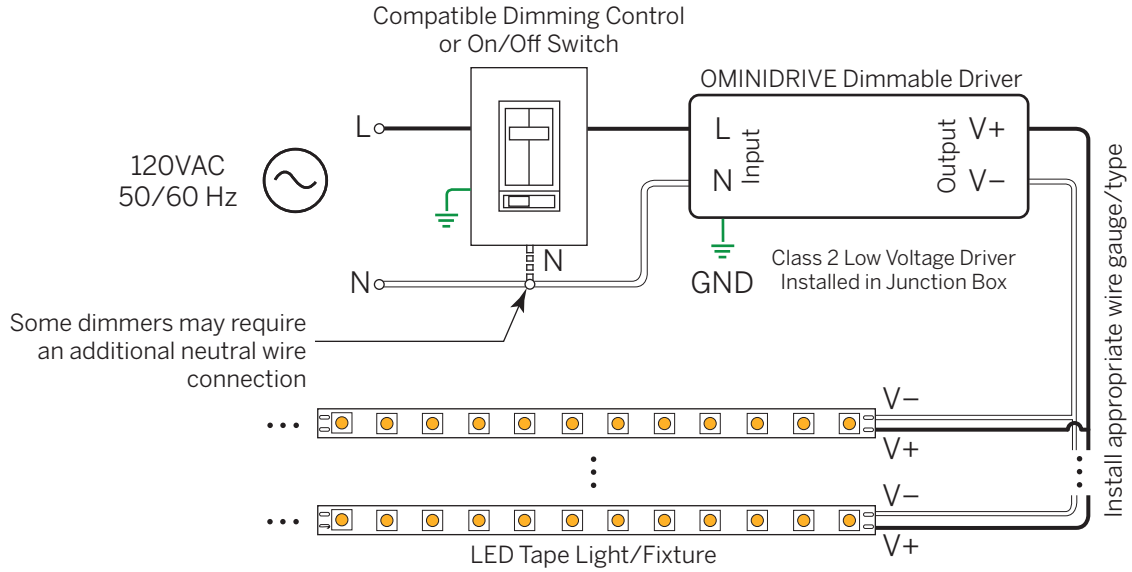
Dimming



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.

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

Warm Dim only!



Need Help?

Mini Box Cove (Plaster Trim)

WG-MBC-RPT

Cove

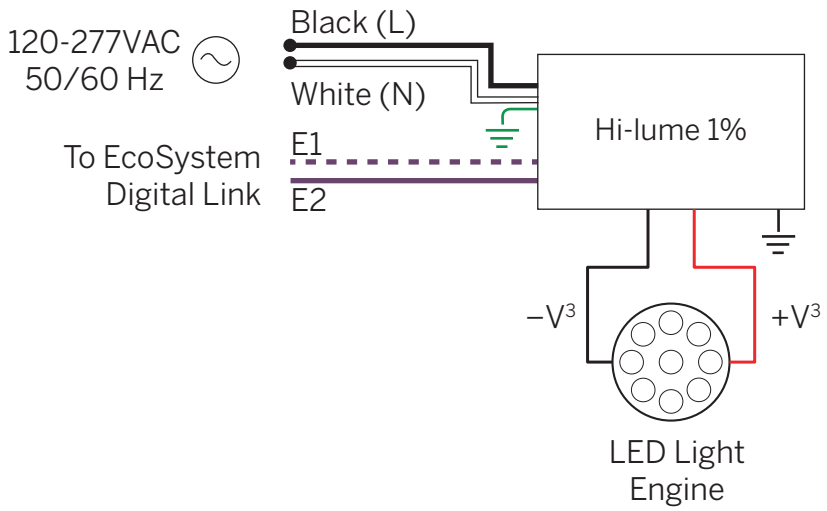
Recessed Plaster Trim

11/13

Wiring Diagrams

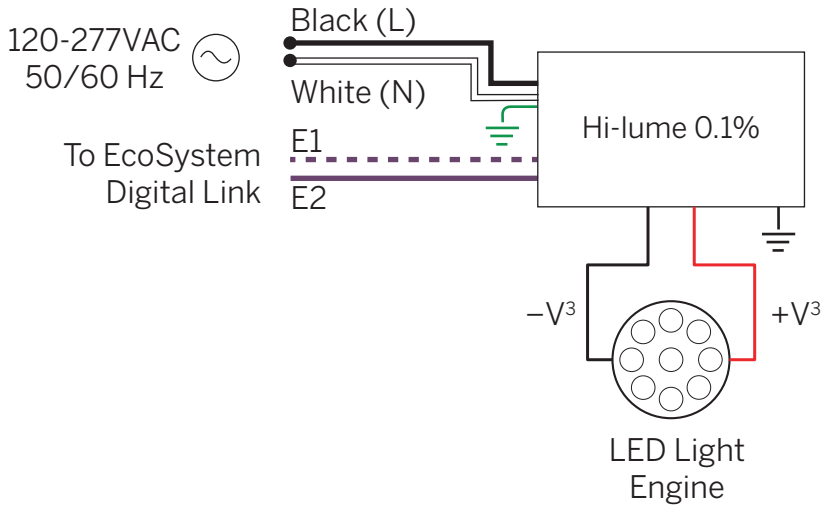
L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

Warm Dim only!



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

Warm Dim only!



Need Help?

Mini Box Cove (Plaster Trim)

WG-MBC-RPT

Cove

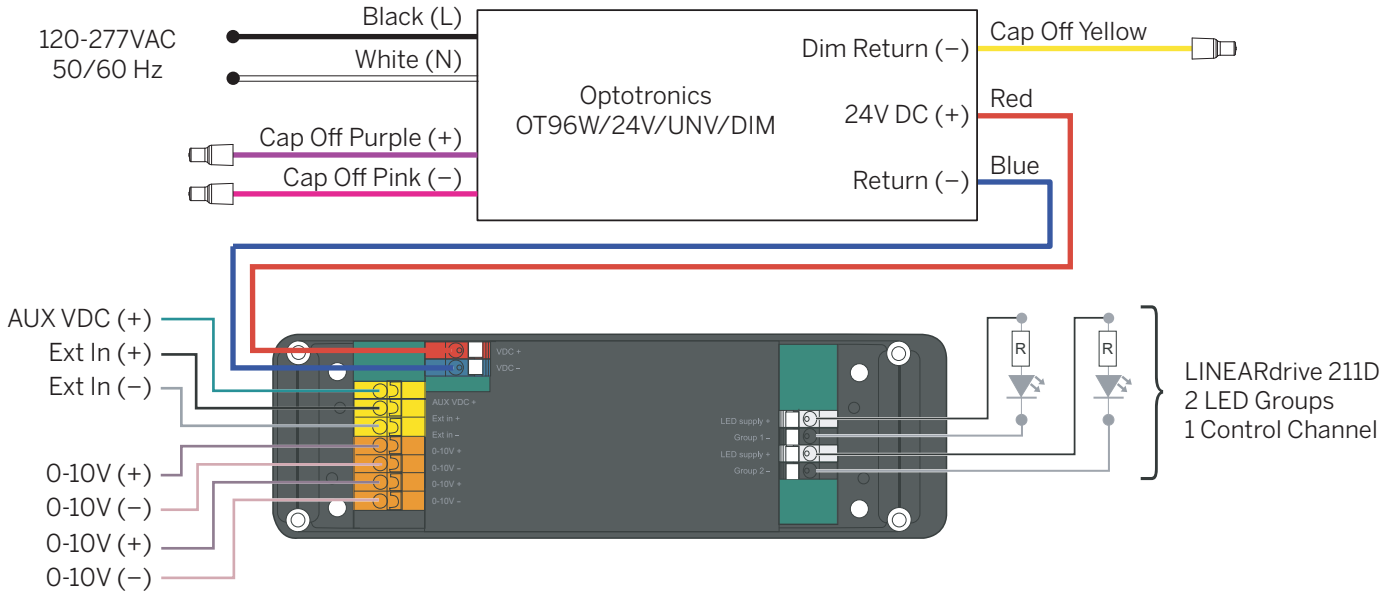
Recessed Plaster Trim

12/13

Wiring Diagrams

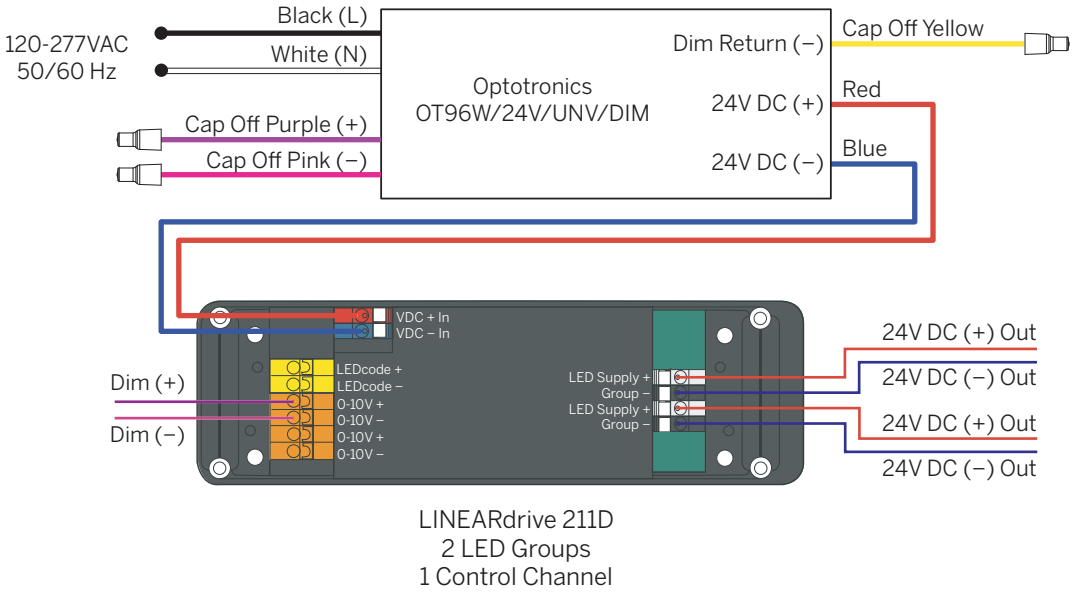
EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

Warm Dim only!



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

Warm Dim only!



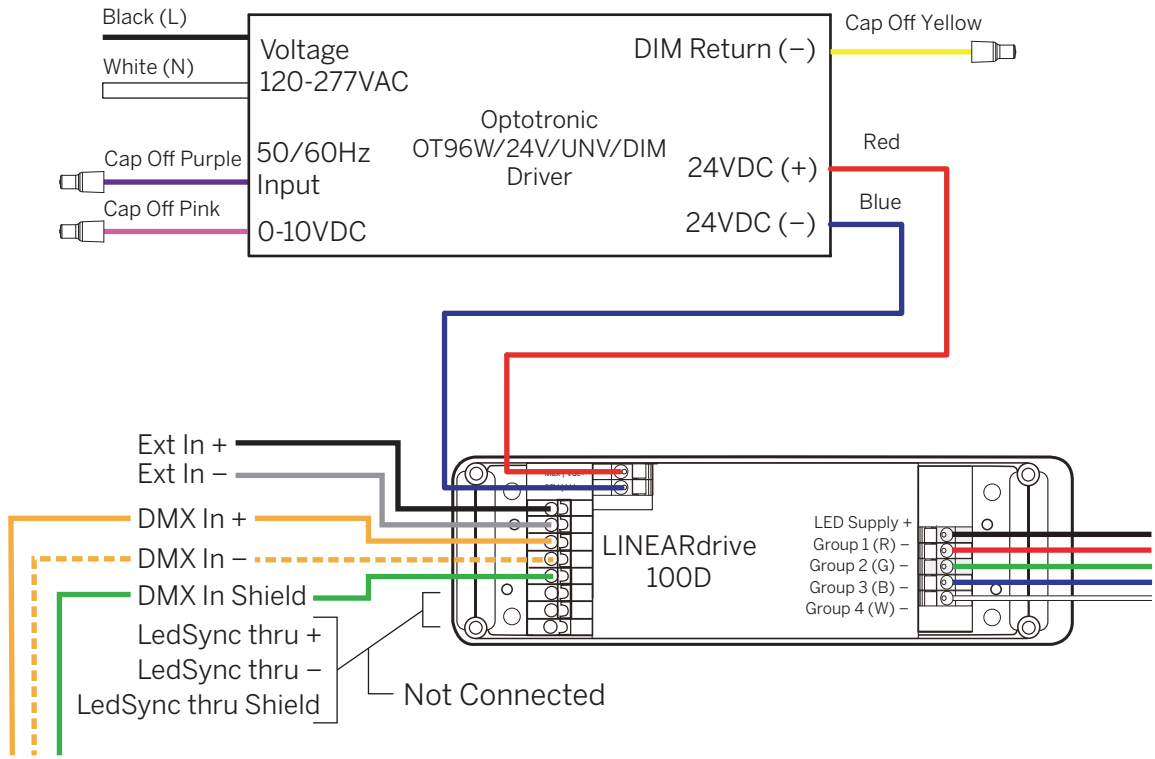
LINEARdrive 211D
2 LED Groups
1 Control Channel

Need Help?

Wiring Diagrams

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?