



**WARNING:**  
INSTALL PRODUCT IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES BY A QUALIFIED ELECTRICIAN OR ELECTRICAL CONTRACTOR.



**WARNING:**  
FAILURE TO COMPLY WITH THE INSTALLATION INSTRUCTIONS MAY RESULT IN DEATH OR SERIOUS INJURY



**WARNING:**  
READ ALL SAFETY INSTRUCTIONS INCLUDED WITH LUMINAIRE BEFORE INSTALLING LUMINAIRE.

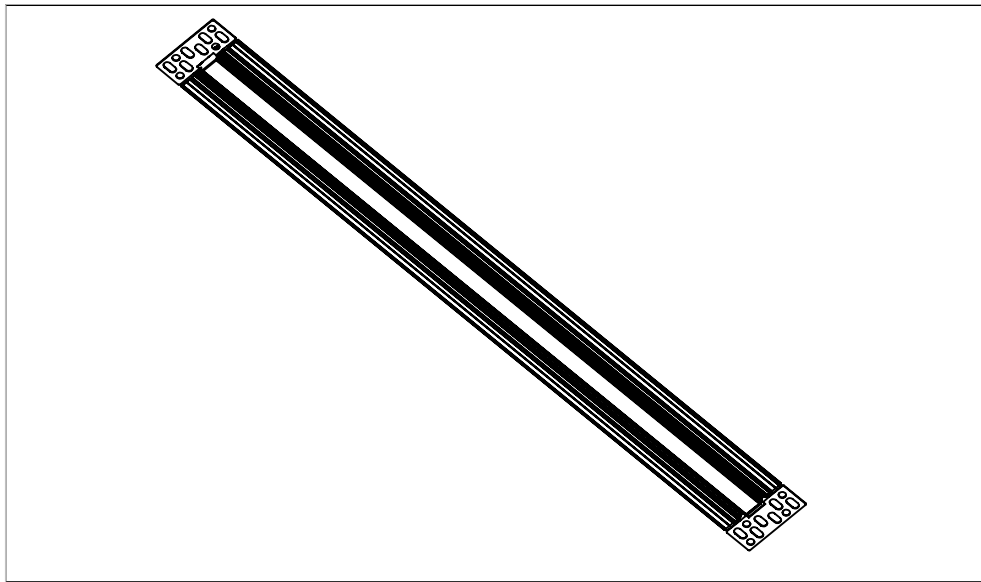
**CAUTION:**

THIS IS AN ELECTRONIC DEVICE. CARE MUST BE TAKEN DURING STORAGE AND HANDLING. STORE IN A CLEAN, COOL AND DRY LOCATION. ELECTROSTATIC DISCHARGE (ESD) CAN HARM THIS PRODUCT. AVOID STATIC DISCHARGE WHILE HANDLING THIS PRODUCT.

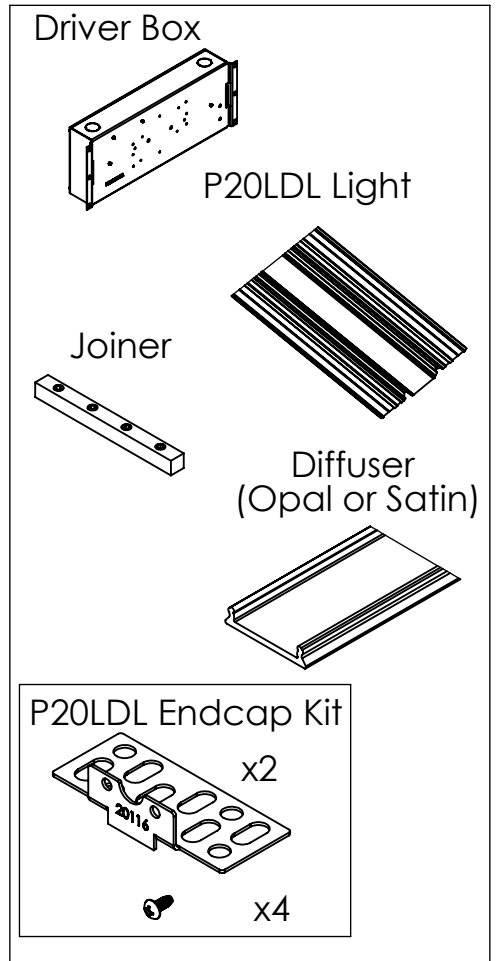
**CAUTION:**

INTER-LUX IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE BUILDING TO SUPPORT THE LUMINAIRE. ADDITIONAL BACKING MAY BE REQUIRED.

**ISOMETRIC VIEWS**



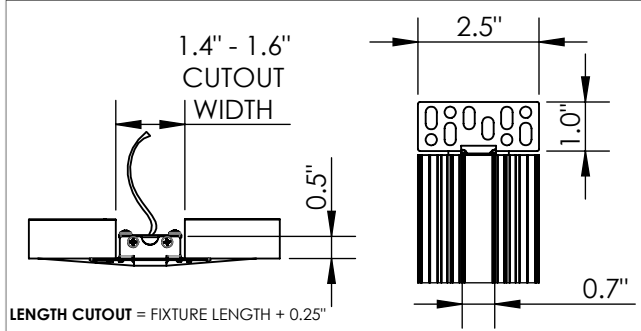
**PACKAGE MAY INCLUDE:** (refer to package list to identify parts)



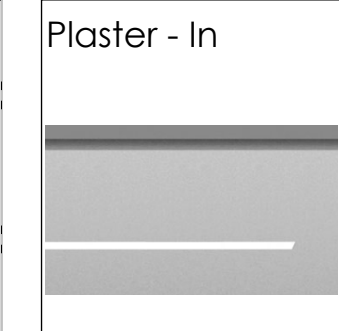
**ITEMS NEEDED (SUPPLIED BY OTHERS):**

- Phillips Head Screwdriver
- #2 Screwdriver
- M3 Hex head Allen Key
- Wire Connectors
- Wire Strippers
- Ceiling Saw
- #6 DryWall Screws
- Joint/Spackle Knife
- Plaster

**MOUNTING DIMENSIONS**



**MOUNTING OPTIONS**



**INSTALLATION INSTRUCTIONS**

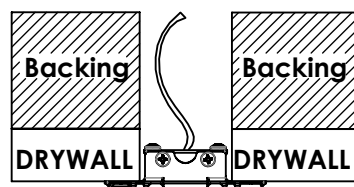
LOCATE AND REVIEW ANY CONSTRUCTION PLANS AND INTERLUX RECORD DRAWINGS FOR ALL FIXTURE RUNS. It is recommended to locate and lay out all components for each fixture "run". A fixture run typically consist of endcaps, joiners, lengths of P20LDL light and driver boxes. BE SURE TO IDENTIFY ALL CORRECT LENGTHS AND DRIVERS FOR EACH FIXTURE RUN.

**Step 1: Turn Off Power before Installing**

Install and Mount driver boxes per construction plans. Wire high voltage power feeds and dimming or control leads if applicable. See wiring diagram on next page if needed. Output leads will be connected later after fixtures are installed.

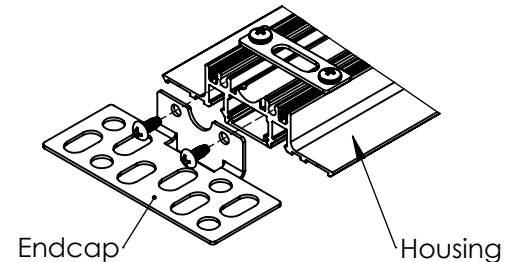
See Page 2 for Wiring Diagram

**Step 2:** Mark and cut gypsum/plaster board/drywall/ etc. for desired location of housing.

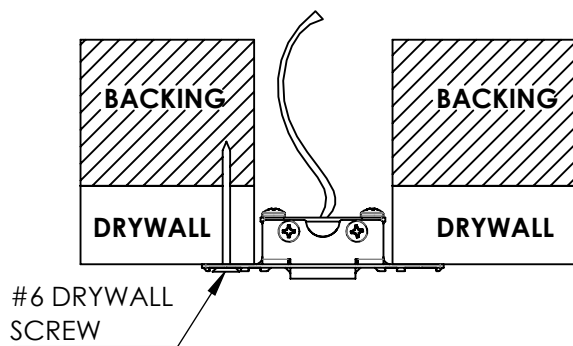


LENGTH CUTOUT = FIXTURE LENGTH + 0.25"

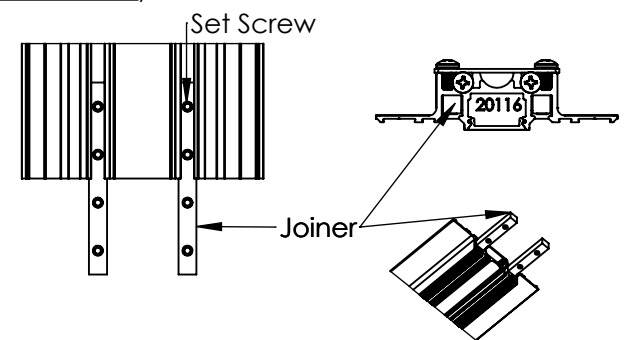
**Step 3:** Starting with first housing, install P20LDL endcap using screws provided in endcap kit. (Stand-Alone fixtures come with endcaps pre-installed)



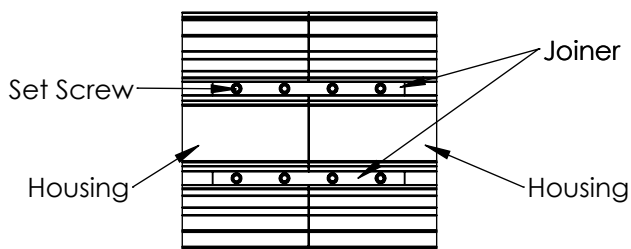
**Step 4:** The housing should be secured to the backing (wood recommended). In lieu of backing, the housing can be securely mounted to wallstuds and/or anchors as needed. The housing is supplied without mounting holes. These will need to be drilled to align with wood backing, studs or anchors as needed. Use #6 drywall screws. Mark and drill mounting holes in housing in desired locations. (Recommended a max of 24" centers) Housing is supplied with sacrificial diffuser which protects the LED's, leave this on throughout installation. A final diffuser is supplied to replace the sacrificial diffuser after installation is complete.



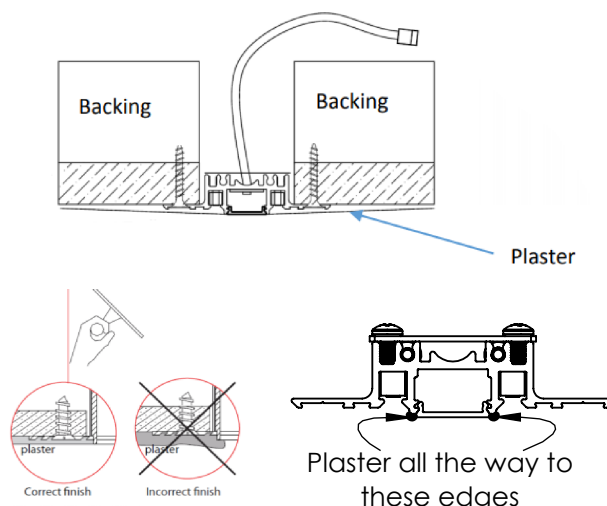
**Step 5:** Install joiners into the far end of housing about halfway into housing. Secure in place by tightening M3 setscrews. (Skip step 5 & 6 if Stand-Alone fixture)



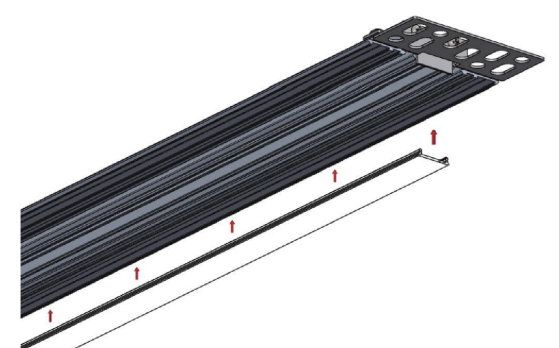
**Step 6:** Align joiners from the first and second section, slide together until butted against each other, secure by tightening M3 setscrews. Repeat steps 4-6 until you reach final housing section of the fixture run. Install endcap on final housing section (as seen in step 3) and mount.



**Step 7:** Apply plaster so it's even with lens of P20LDL luminaire. Smooth to finish. Sand, paint, etc., the plaster.



**Step 8:** Replace sacrificial diffuser with clean finished diffuser after plaster is complete. Energize and test for proper operation.



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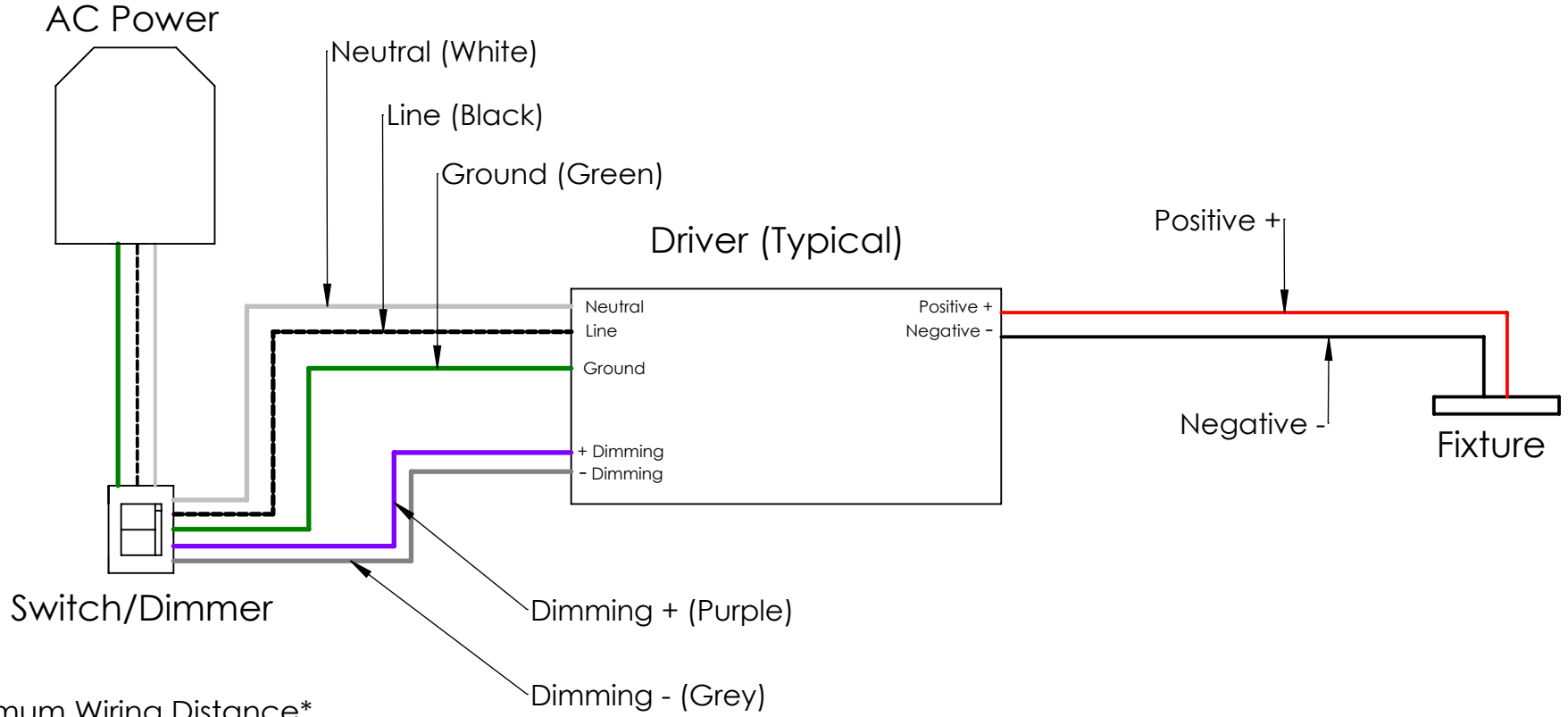
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**Wiring Key**



Maximum Wiring Distance\*

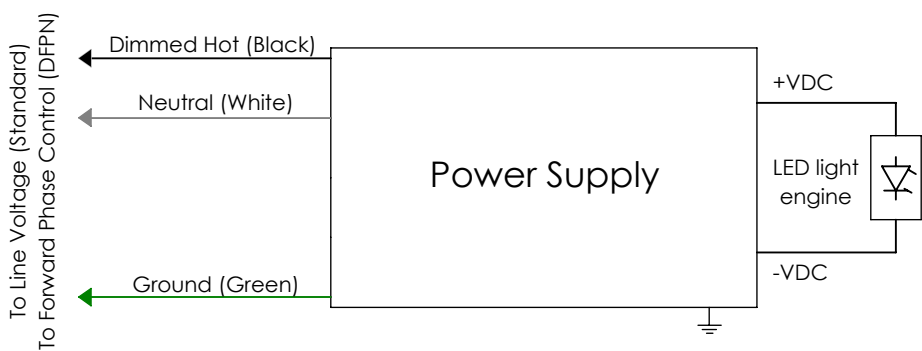
Wire Gauge	Maximum Lead Length			
	Osram			Lutron
	≤ 48W	≤ 72W	≤ 96W	≤ 40W
#18AWG	37'	25'	18'	15'
#16AWG	59'	39'	29'	25'
#14AWG	95'	63'	47'	40'
#12AWG	151'	101'	75'	60'

\*Actual Voltage drop to be calculated by installer

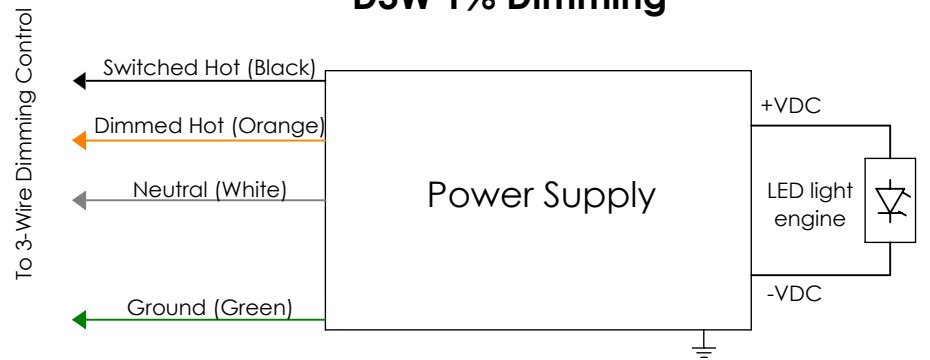
Red	Black	Green	Black	White	Purple	Grey
Positive	Negative	Ground	Line	Neutral	Dimming +	Dimming -

**Driver Wiring Diagrams**

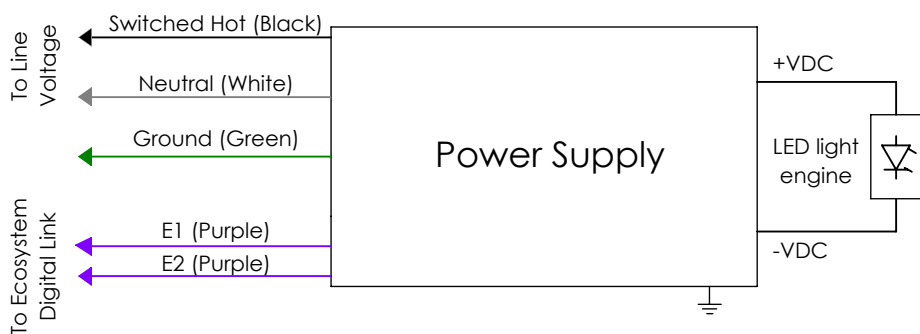
**Standard Non-Dimming/DFPN Dimming**



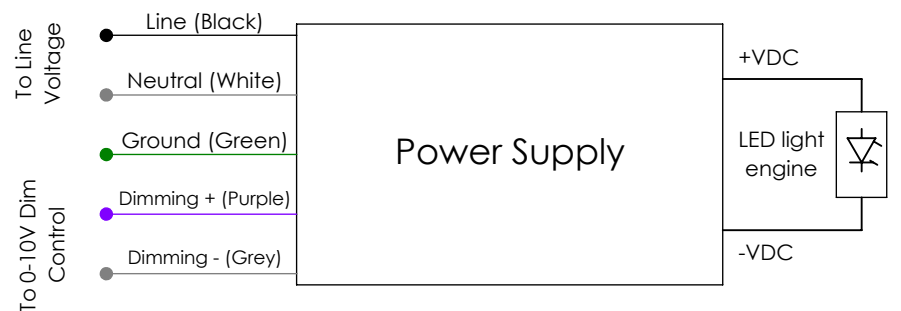
**D3W 1% Dimming**



**DES 1% Dimming**



**0-10V Dimming**



**NOTE: ALL DRIVERS ARE INTER-LUX PROVIDED. FOR NON INTER-LUX DRIVERS PLEASE REFER TO DRIVER MANUFACTURERS. THE USE OF NON INTER-LUX DRIVERS VOIDS PRODUCT WARRANTY**