


**WARNING:**

INSTALL PRODUCT IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES BY A QUALIFIED ELECTRICIAN.


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FAILURE TO COMPLY WITH THE INSTALLATION INSTRUCTIONS MAY RESULT IN DEATH OR SERIOUS INJURY.


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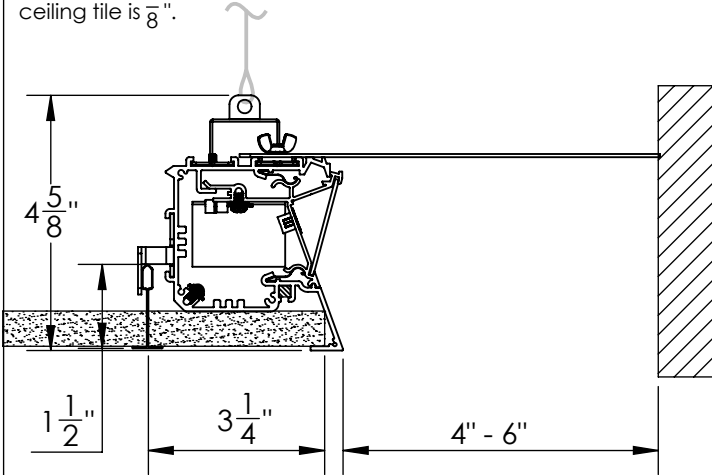
**CAUTION:**

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

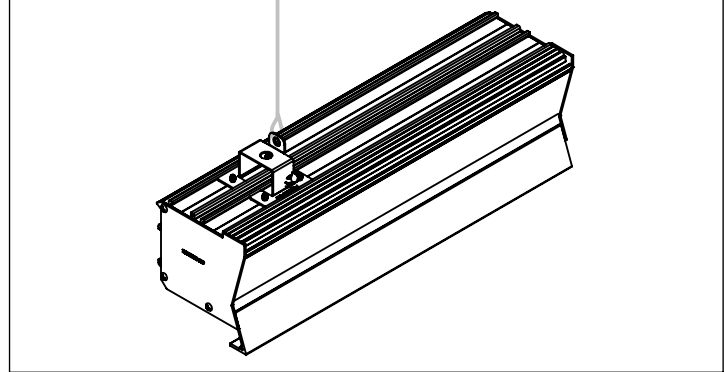
### Mounting Dimensions

\* Designed for 9/16" and 15/16" grid ceilings. For specialty grids (Silhouette bolt slot, interlude XL, etc.) the intersections need to be coordinated with the initial lighting layout prior to ordering the grid, to identify the mitered sections needed.

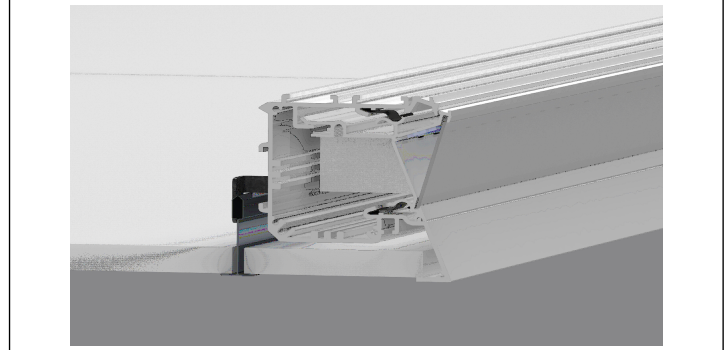
\*\* The maximum height of T-grid is  $1\frac{1}{2}$ ", and maximum thickness of the ceiling tile is  $\frac{5}{8}$ ".



### Isometric View

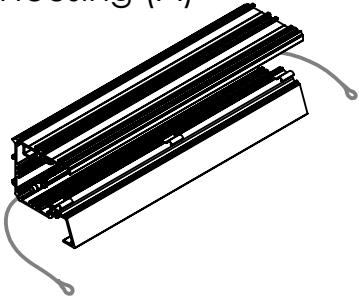


### Photo Rendering

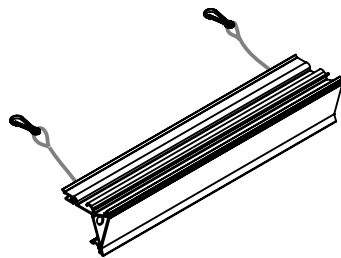


### Package Includes:

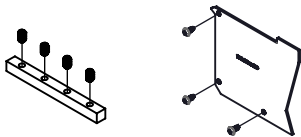
Housing (A)



Gear Tray (B)



Joiner (C) End Cap (D)



Hanging Bracket (E) Grid Bracket (F)

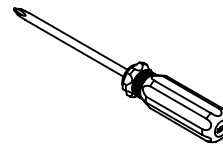


Infill Panel (G)

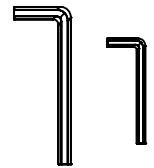


### Items needed (supplied by others)

Phillips Head  
Screwdriver



1.5 and 2 mm  
Hex Head Allen Keys



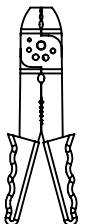
Wire  
Connector



Drill



Wire  
Strippers





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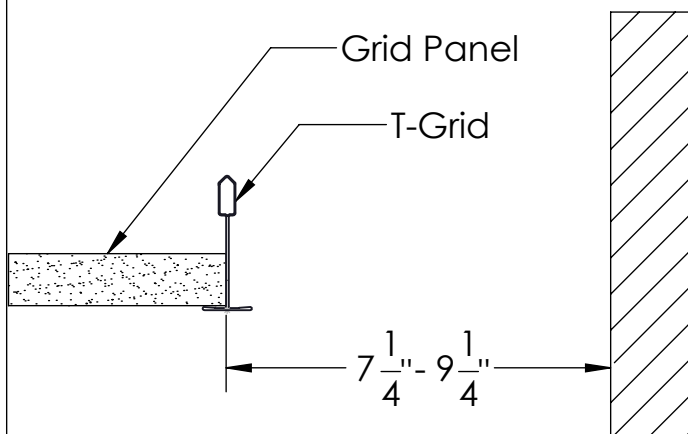
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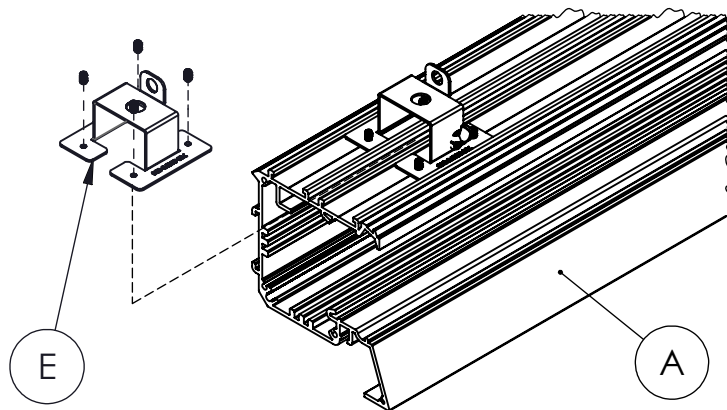
### INSTALLATION INSTRUCTIONS

LOCATE AND REVIEW ANY CONSTRUCTION PLANS AND INTER-LUX RECORD DRAWINGS FOR ALL FIXTURE RUNS. IT IS RECOMMENDED TO LOCATE AND LAY OUT ALL COMPONENTS FOR EACH FIXTURE "RUN". A FIXTURE RUN TYPICALLY CONSISTS OF JOINERS, LENGTHS OF HOUSING, AND ENDCAPS. BE SURE TO IDENTIFY ALL CORRECT LENGTHS FOR EACH FIXTURE RUN.

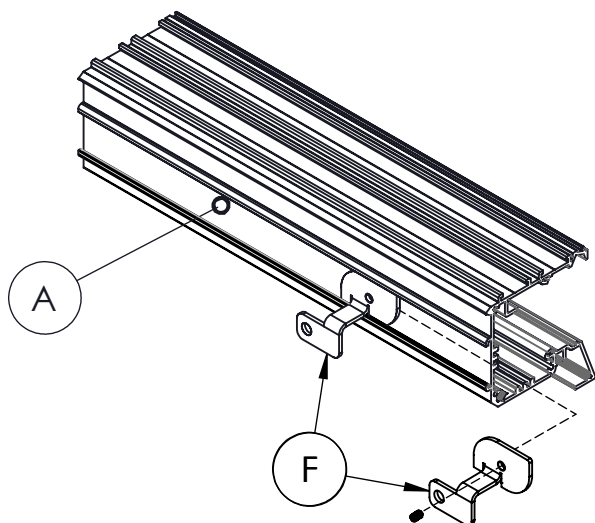
**Step 1; Prepare Ceiling:** Construct a grid ceiling complete with Grid Panels and T-grids as shown below. Leave between  $7\frac{1}{4}"$  and  $9\frac{1}{4}"$  distance between wall and ceiling grid.



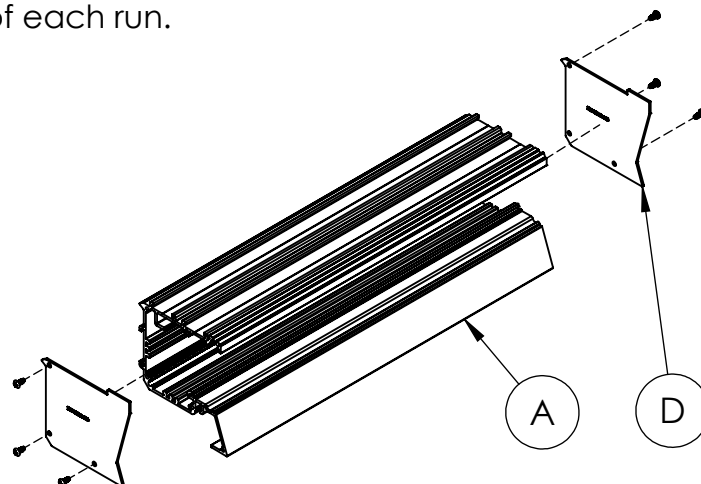
**Step 2; Installation of Hanging Bracket:** Secure Hanging Brackets (E) on Housings (A) by sliding them horizontally on the top side of extrusion. Fasten with provided set screws as shown below.



**Step 3; Installation of Grid Bracket:** Secure Grid Brackets (F) on Housings (A) by sliding them horizontally on the back side of extrusion. Fasten with provided set screws as shown below.



**Step 4; Installation of End Cap:** If your order is composed of standalone fixtures, they will come with End Caps (D) pre-installed. If your order a continuous run, you will need to install the provided End Caps (D) in the field, at end of each run.




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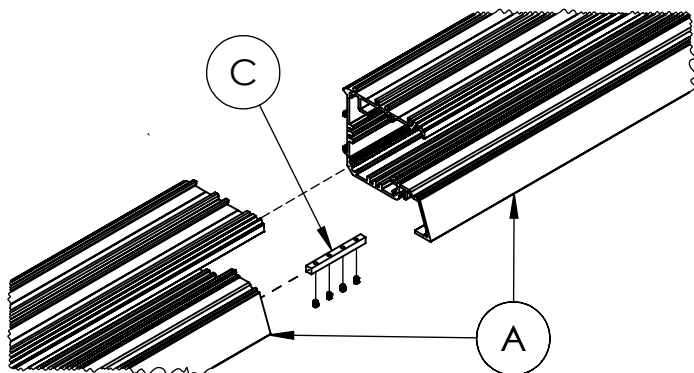
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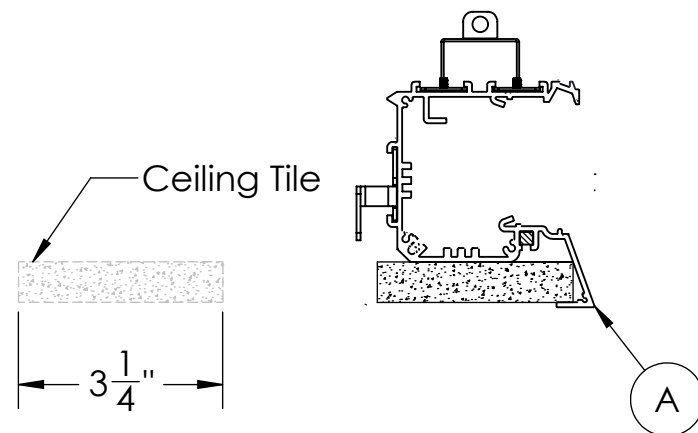
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**Step 5; Installation of Joiners:** If your order consists of stand alone fixtures, skip this step. If not, connect Housings (A) to each other using supplied Joiner Kits (C). Slide pins into square holes and push Housings (A) together, then center Joiner on the joint and drive screws in Joiner as shown below.



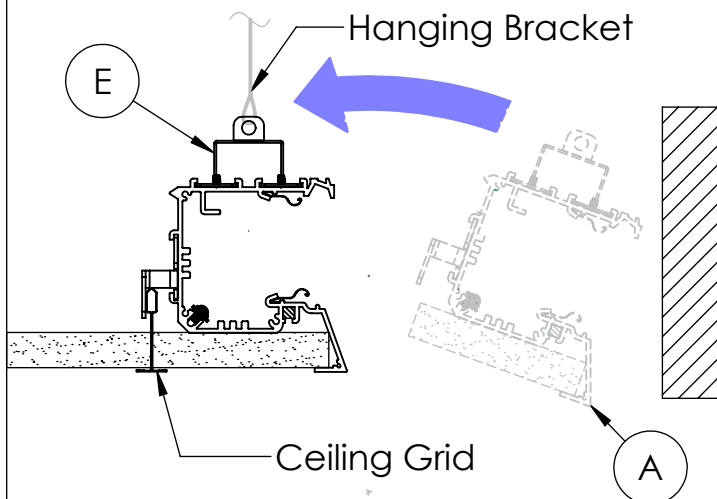
**Step 6; Installation of Ceiling tile into Housing:**

Cut  $3\frac{1}{4}$ " wide ceiling tile and insert it underneath of the Housing (A) as shown below.



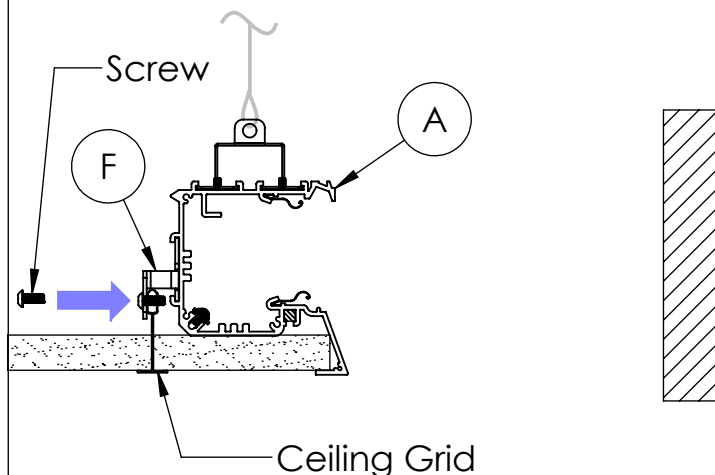
**Step 7; Installation of Housing into Grid ceiling:**

Hook the Housing Assembly (A) over bulb of Ceiling Grid. Then, attach hanging wire or suspension rod on Hanging Bracket (E) as shown below.



**Step 8; Securing the Housing on Grid ceiling:**

Secure the Housing (A) to Ceiling Grid by driving thread forming screws through holes located on Grid Bracket (F).





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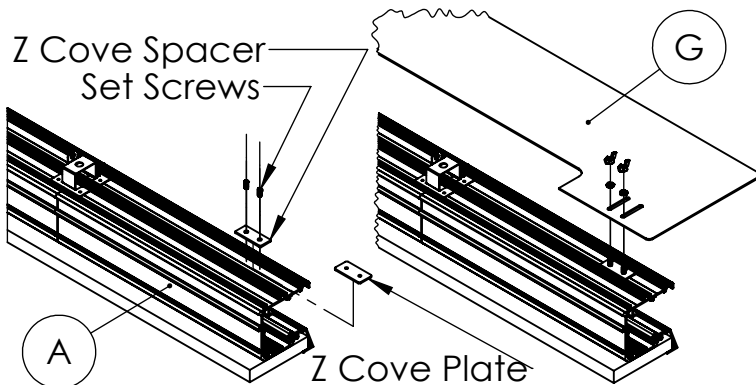
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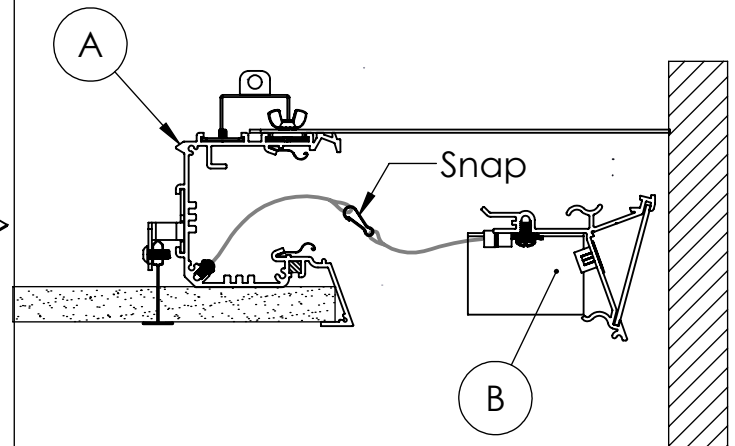
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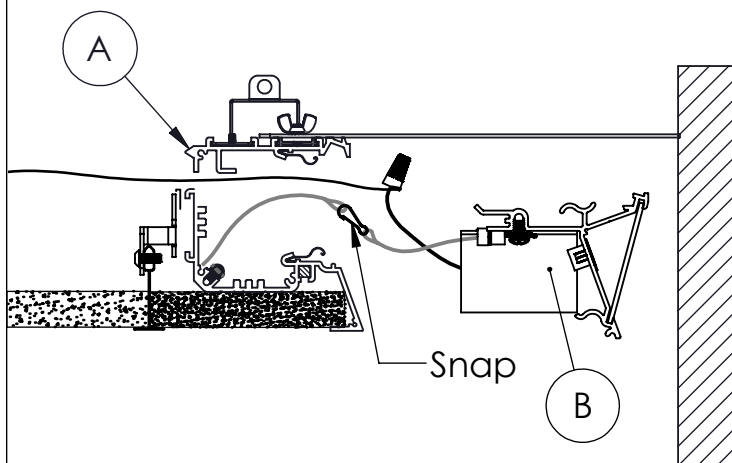
**Step 9; Installation of Infill Panel:** First, slide Z Cove plate though channels on the top of Housing (A), then place Z Cove spacer on it, and fasten them together with set screws. Secondly, lower infill panel (G) on Housing (A) such that set screws will enter on slots located on infill panel. Then, fasten them together with lock washers and wingnuts.



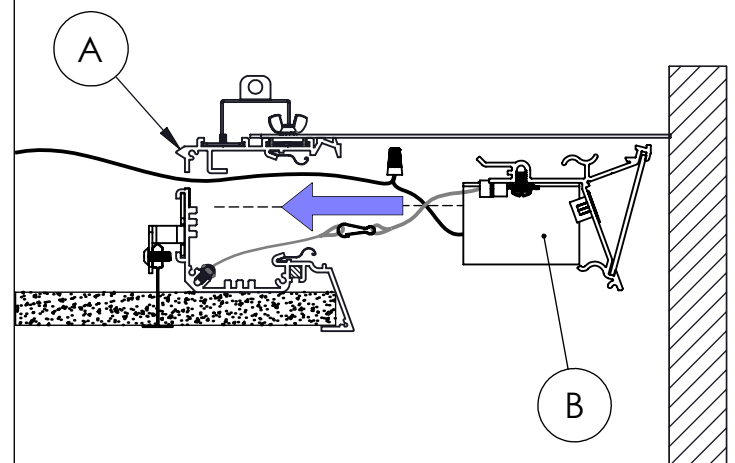
**Step 10; Installation of Safety Cable:** Attach the snaps located on the ends of safety cables of Gear Tray (B) to the safety cables of Housing (A).



**Step 11; Wiring Installation:** Pull AC wires through holes on Housing (A). Then, connect the AC wires to wires of Driver box located on Gear Tray (B). A  $\frac{7}{8}$ " hole for power feed is provided in Housing (A) at start of each run.



**Step 12; Installation of Gear Tray and Testing.** Gently insert the Gear Tray (B) into Housing (A) until it snaps properly into Housing (A). Finally, power the fixture to test proper operation.





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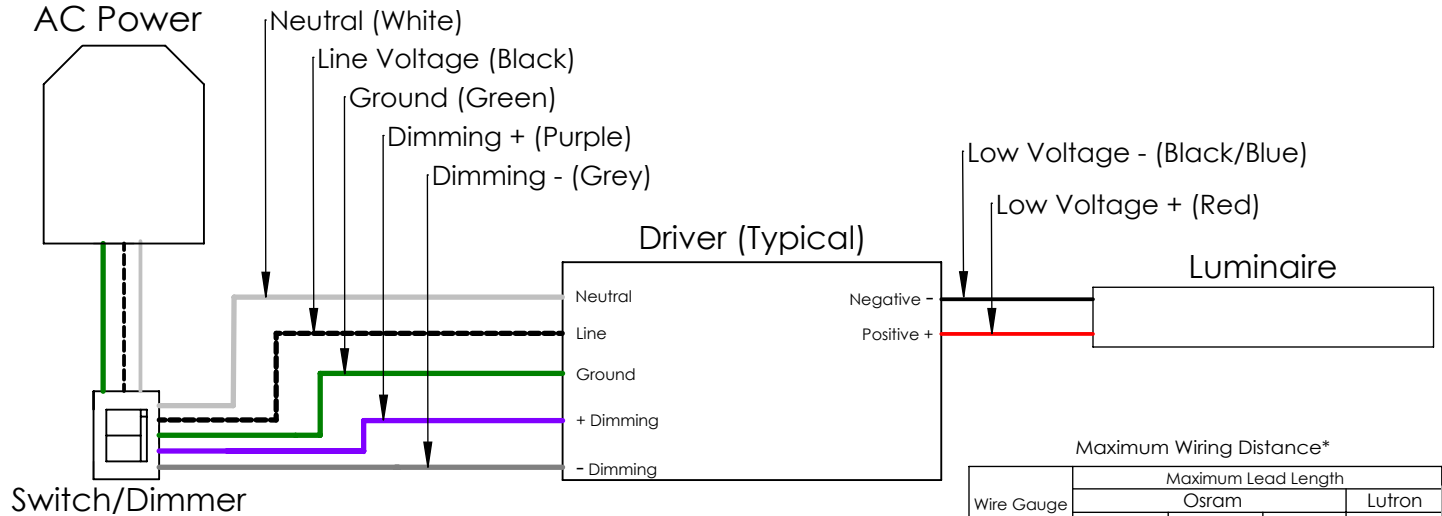


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### Wiring Key



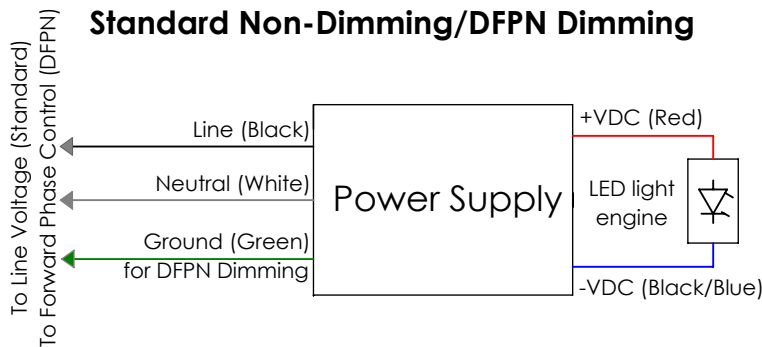
Red	Blue/Black	Green	Black	White	Purple	Grey
Positive	Negative	Ground	Line	Neutral	Dimming +	Dimming -

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'

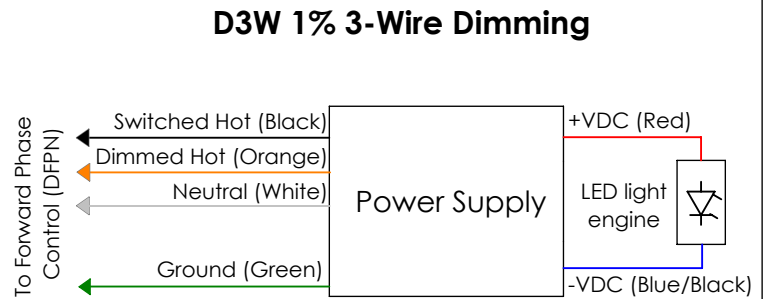
\*Actual Voltage drop to be calculated by installer

### Driver Wiring Diagrams

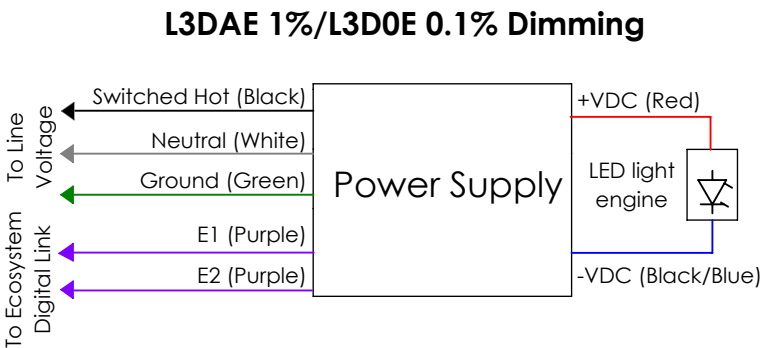
#### Standard Non-Dimming/DFPN Dimming



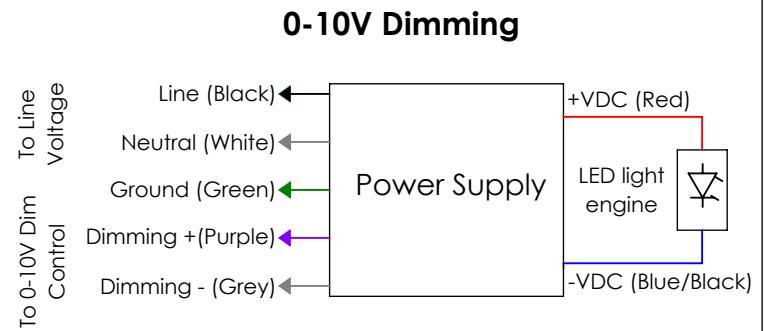
#### D3W 1% 3-Wire Dimming



#### L3DAE 1%/L3DOE 0.1% Dimming



#### 0-10V Dimming



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