

INSTALLATION INSTRUCTIONS



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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READ ALL SAFETY INSTRUCTIONS INCLUDED WITH LUMINAIRE BEFORE INSTALLING LUMINAIRE. SAVE INSTRUCTIONS FOR FUTURE USE.

CAUTION:

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CAUTION:

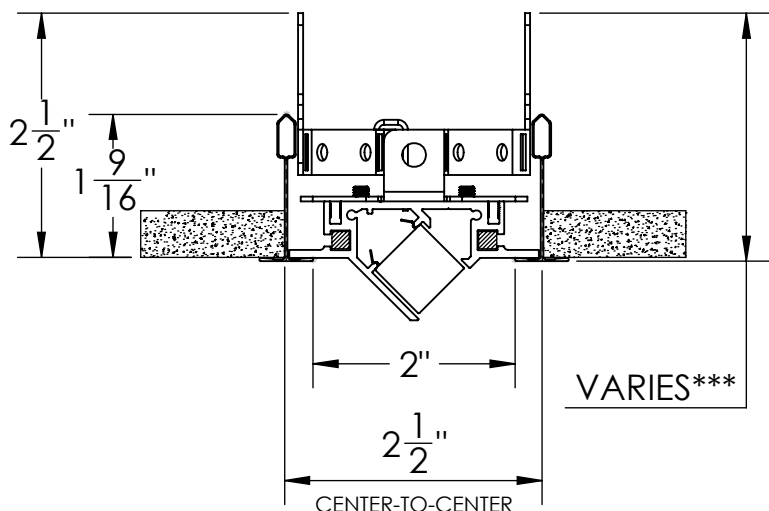
INTER-LUX IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE BUILDING TO SUPPORT THE LUMINAIRE. ADDITIONAL BACKING MAY BE REQUIRED.

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.

** 2.5 inch spacing is required between two parallel T-grids.

*** The maximum and minimum height of T-grid is $\frac{1}{3}$ " and $\frac{1}{2}$ ", respectively.



Isometric View

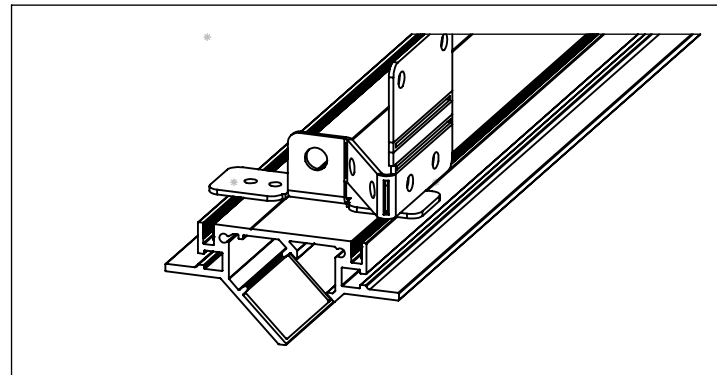
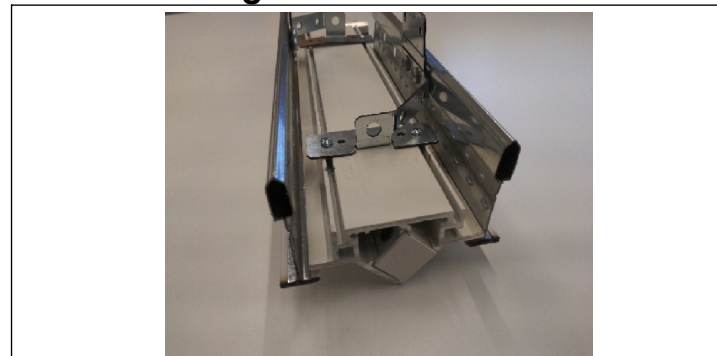


Photo Rendering

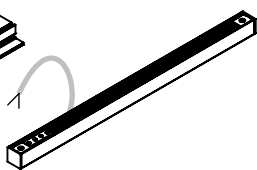
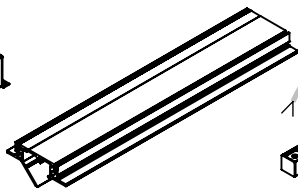
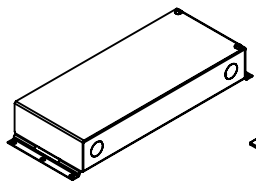


Package Includes:

Remote Driver Box (A)

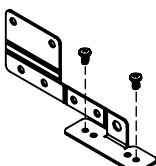
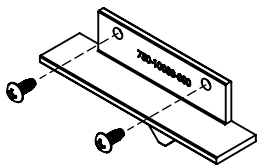
Housing (B)

Luminaire (C)



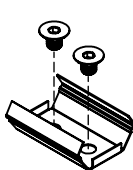
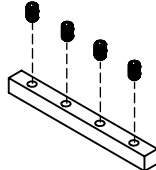
End Cap (D)

Grid Bracket (E)



Joiner Kit (F)

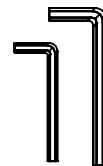
Clip (G)



Items needed (supplied by others)

Phillips Head #1
Screwdriver

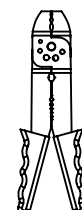
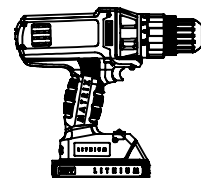
1.5 and 2 mm
Hex head Allen
Keys



Wire
Connector

Drill

Wire
Strippers




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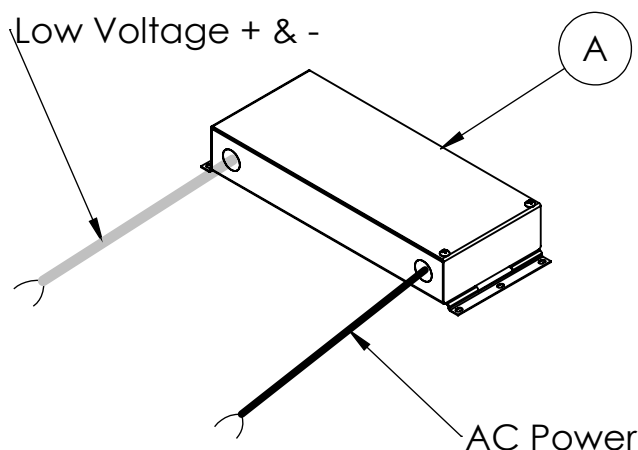
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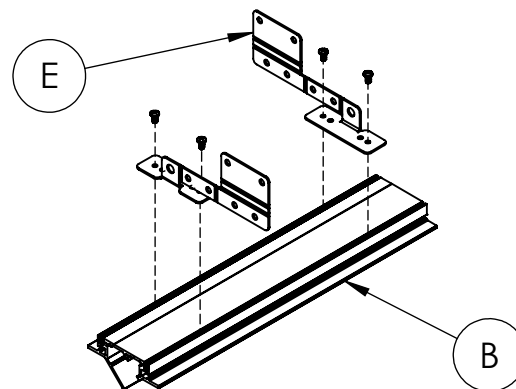
LOCATE AND REVIEW ANY CONSTRUCTION PLANS AND INTER-LUX RECORD DRAWINGS FOR ALL FIXTURE RUNS. IT IS RECOMMENDED TO LOCATE AND LAY OUT ALL COMPONENTS FOR EACH FIXTURE "RUN". A FIXTURE RUN TYPICALLY CONSISTS OF JOINERS, LENGTHS OF HOUSING, AND ENDCAPS. BE SURE TO IDENTIFY ALL CORRECT LENGTHS FOR EACH FIXTURE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

Step 1; Driver Box: **Turn off Power before installing.**

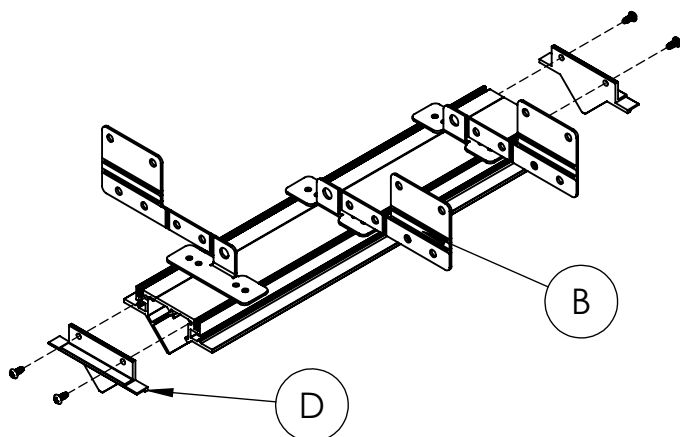
Install Remote Driver Box (A), make connections to AC power and Low Voltage cables. Then run Low Voltage cables to desired position of fixtures.



Step 2; Install Grid Brackets: For stand alones, secure minimum of two Grid Brackets (E) to each Housing (B), at least 3" from each end using provided screws. For continuous runs, use one additional Grid Bracket (E) for every 2.5 feet of Housing. Use outer holes located on the horizontal part of Grid Bracket.



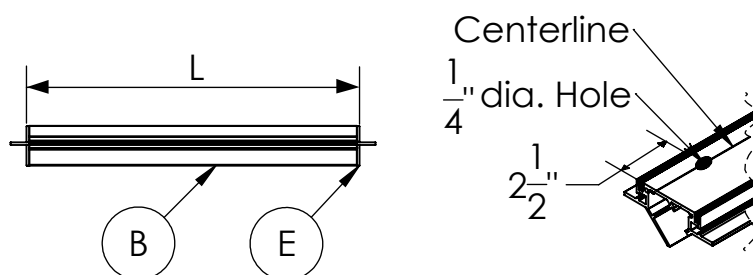
Step 3; Install End Caps: If your order is comprised of stand alone fixtures, they will come with End Caps (D) pre-installed. If it is a continuous run, you will need to install the provided End Caps (D) in the field, at the end of each run of Housing (B) using provided screws.



Step 4; Prepare the ceiling and housing for installation: Prepare installation opening by cutting proper size opening in the ceiling. Cut out dimensions are listed below. Drill a 1/4" hole on the surface of the housing along centerline of housing 2-1/2" away from one end as shown below.

Width : 2-1/4"

Length : Overall length of fixture



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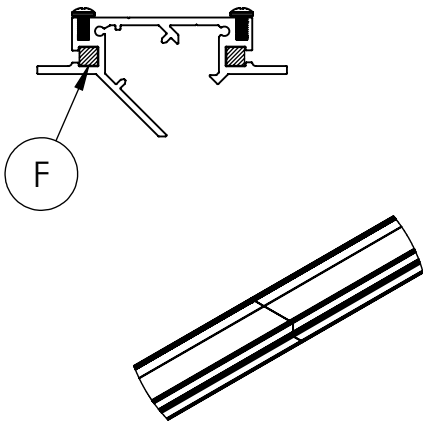
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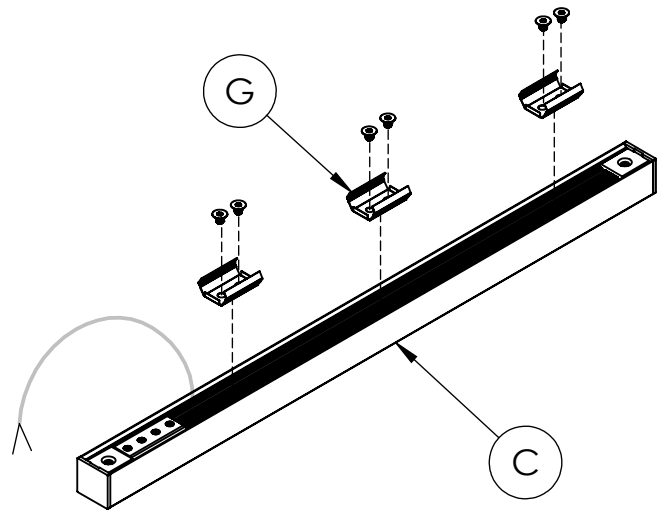
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Step 5; Install Joiners: If your order consists of stand alone fixtures, skip this step. If not, connect Housings (B) to each other using supplied Joiner Kits (F). Slide pins into square holes and push Housings (B) together, then center Joiner on joint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

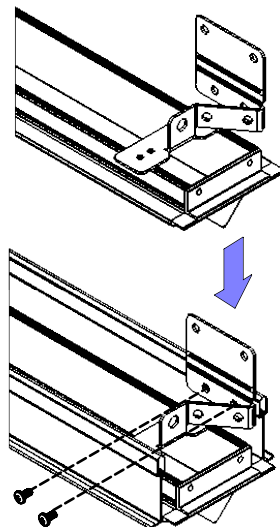


Step 6; Luminaire Assembly: Fasten three evenly spaced Clips (G) on the cable side of Luminaire (C) using provided screws. Make sure two screws are used per Clip (G).

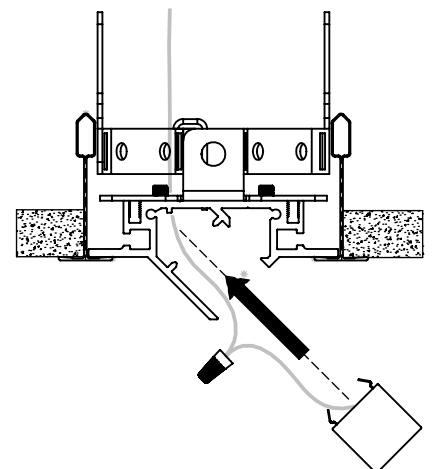


Step 7; Installation of Housing on Grid:

Insert the Housing by lowering it between two T-grids. bend the grid bracket toward T-grid so that they are flush with the bulb of T-grid. Repeat the same process on other Grid Bracket. Find the holes on the Brackets that best line up with the bulb of T-grid and drive two #8-32 x 3/8" thread forming screws through Bracket and bulb of T-grid.



Step 8; Fixture Final Assembly: Connect the wires of Luminaire to Low voltage cable of Driver (A) using wire connector. Then, gently insert the Luminaire into Housing (B) until it snaps properly into housing. The wire connector should fit the space between the Luminaire (C) and Housing (B). If possible, arrange Luminaire (C) lenses so that they overlap fixture joints. Finally, power and test the Luminaire for proper operation. See page 1 for completed installation.



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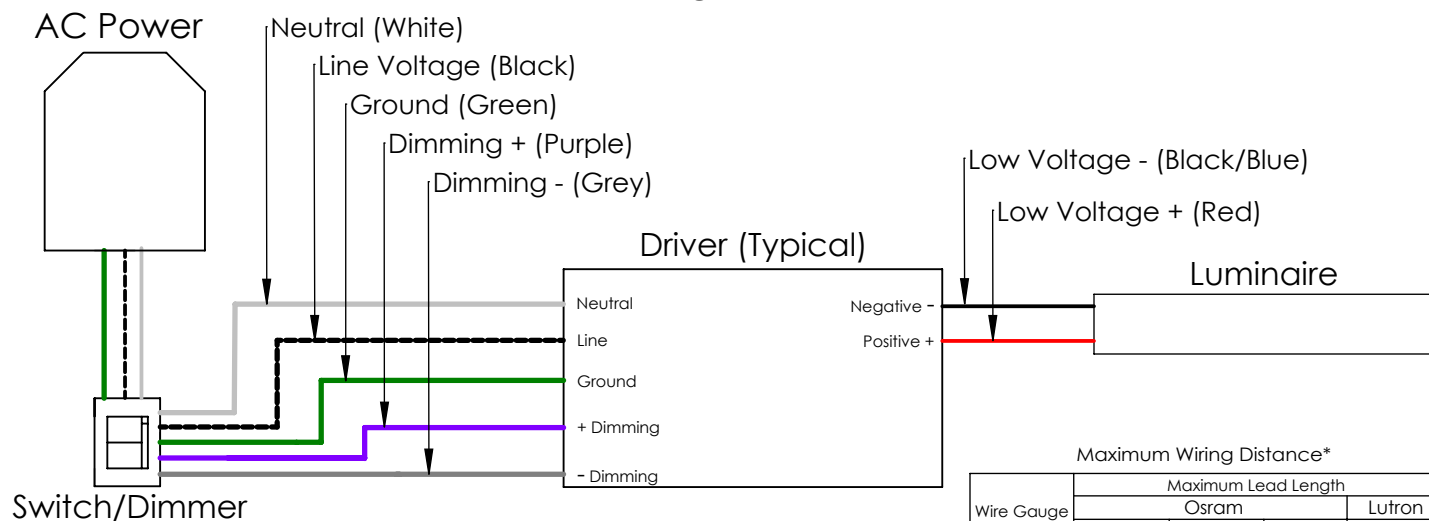
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Wiring Key



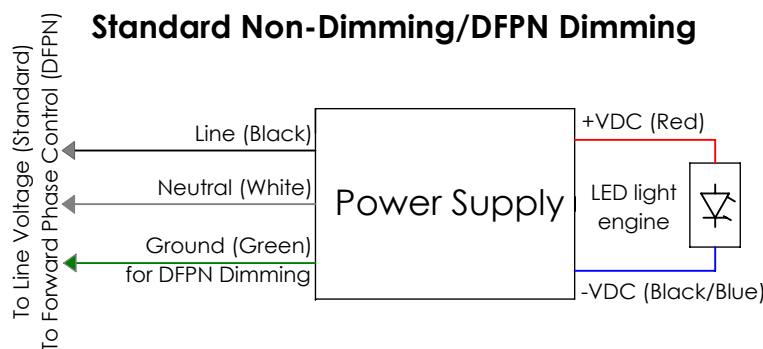
Red	Blue/Black	Green	Black	White	Purple	Grey
Positive	Negative	Ground	Line	Neutral	Dimming +	Dimming -

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

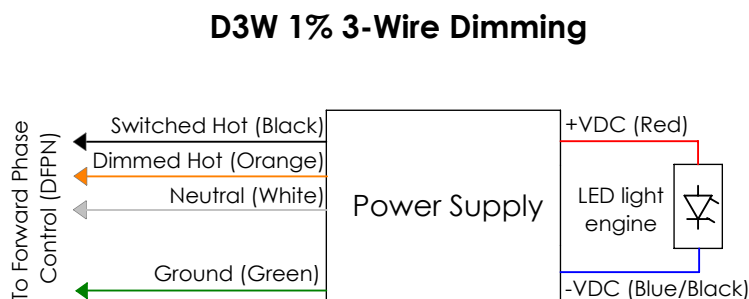
*Actual Voltage drop to be calculated by installer

Driver Wiring Diagrams

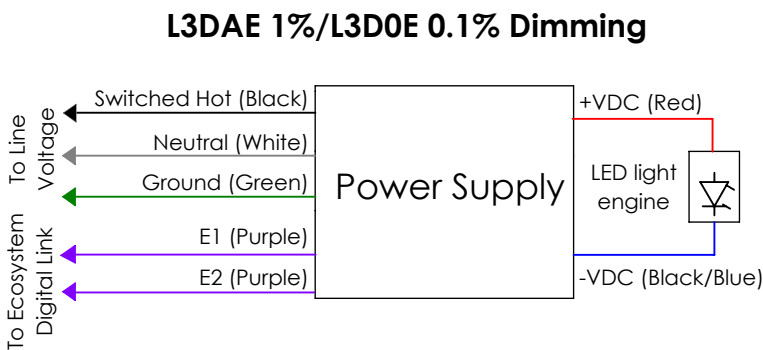
Standard Non-Dimming/DFPN Dimming



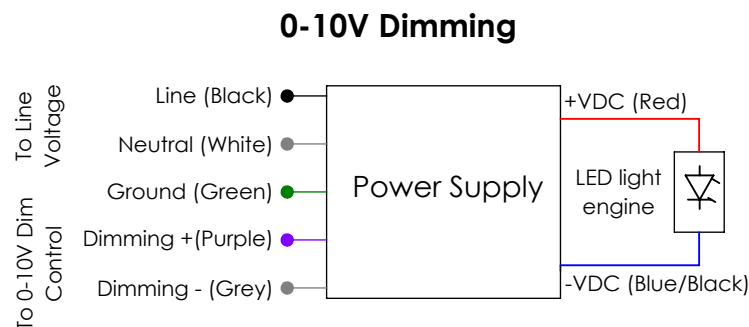
D3W 1% 3-Wire Dimming



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.