inter•lux

Chicago Plenum/Insulated Ceiling Housing
INSTALLATION INSTRUCTIONS

FINISH: GALVANIZED STEEL

PART. NO. CP/IC-WG-B60SDDL-X

WARNING:
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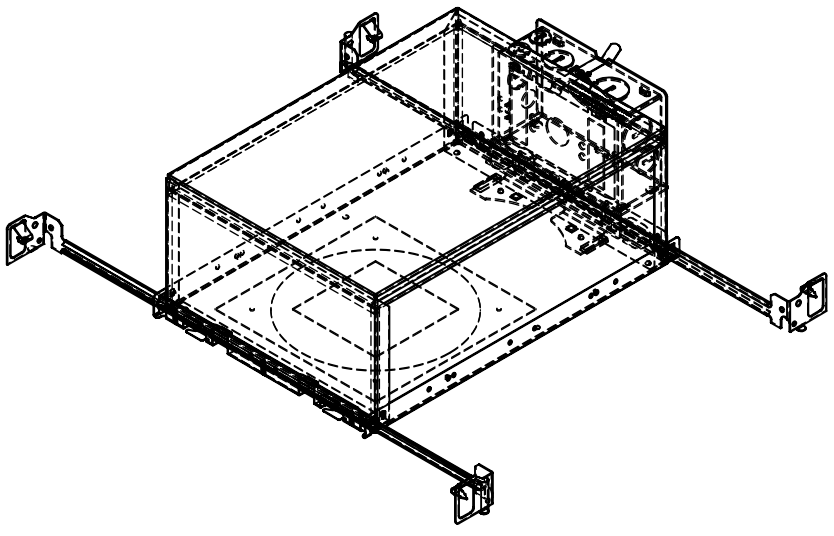
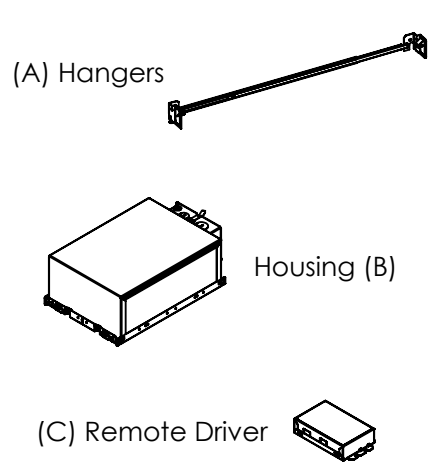
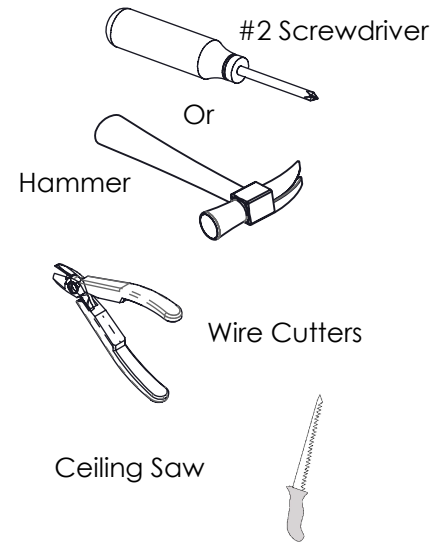
ISOMETRIC VIEWS



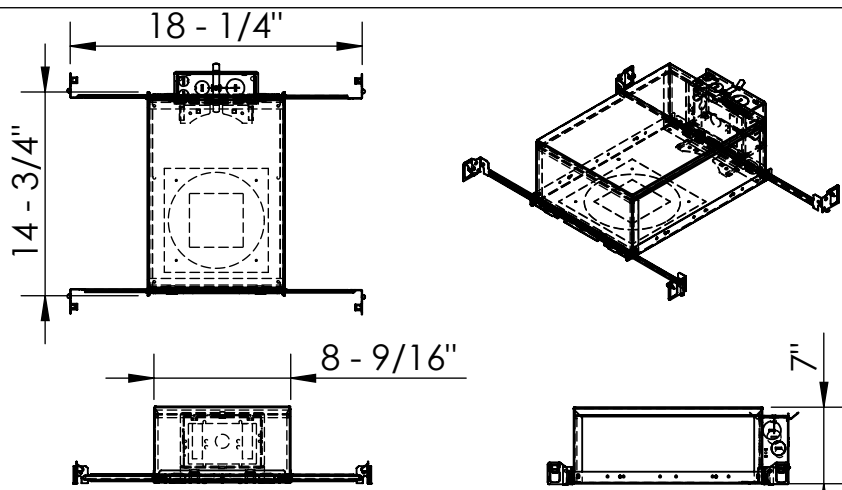
PACKAGE INCLUDES:



ITEMS NEEDED (SUPPLIED BY OTHERS):

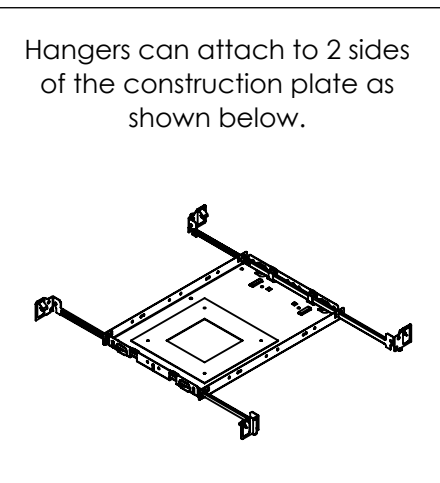


MOUNTING DIMENSIONS



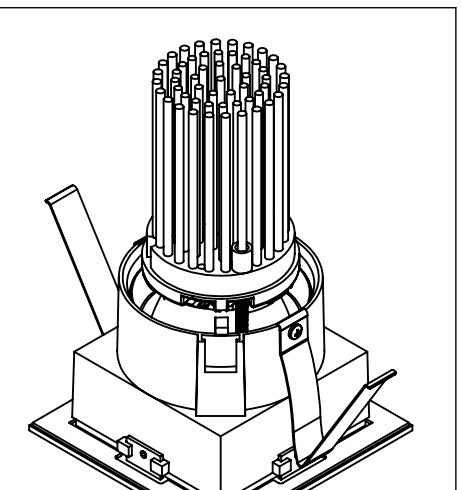
MOUNTING POSITIONS

Hangers can attach to 2 sides of the construction plate as shown below.



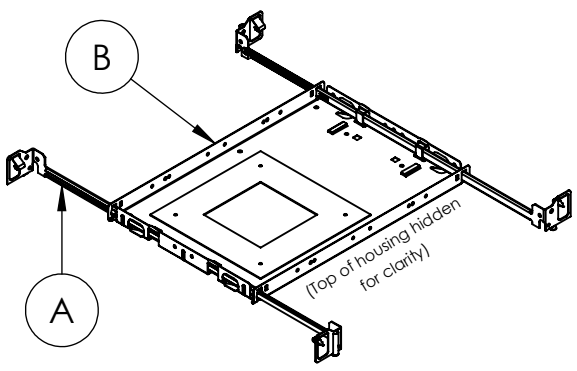
(Top of Housing hidden for clarity)

PRODUCT



SURFACE MOUNT INSTALLATION STEPS

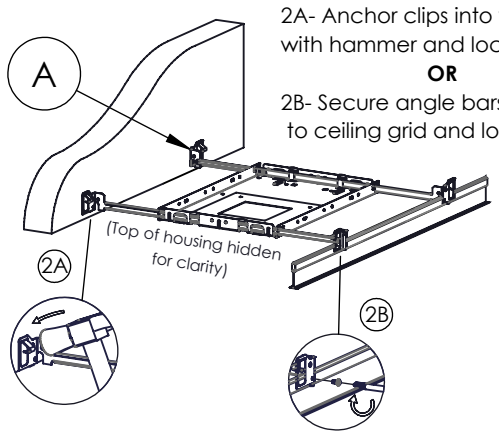
Step 1: Attach the Hangars (A) to the CP/IC Housing (B).



(Top of Housing hidden for clarity)

Step 2: Determine mounting position, adjust width of Hangers (A) until flush with surface.

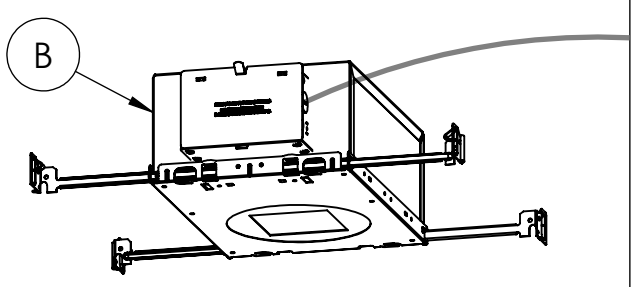
2A- Anchor clips into wood joists with hammer and lock hangers.
OR
2B- Secure angle bars with screws to ceiling grid and lock hangers.



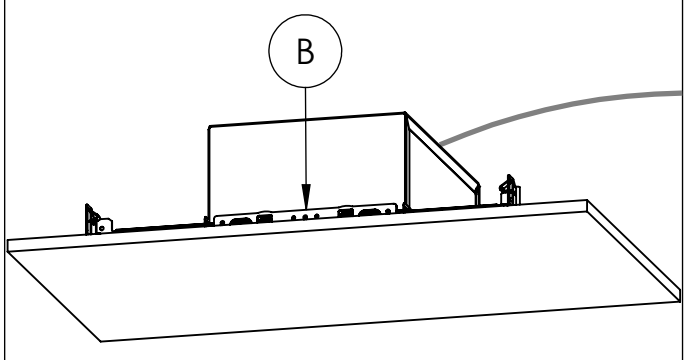
(Top of Housing hidden for clarity)

TURN OFF MAIN POWER BEFORE PROCEEDING!

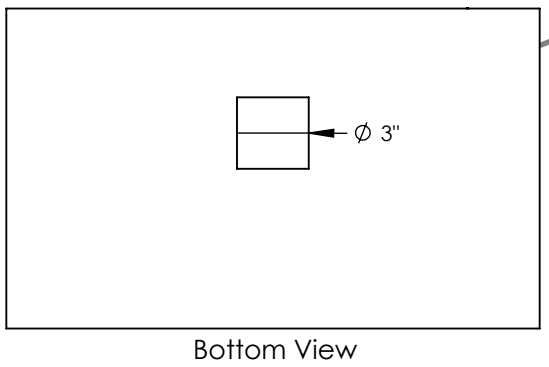
Step 3: Install your Remote Driver (C) and pull DC Power through the knockout into the Housing (B).



Step 4: Install the ceiling. Make sure that the Housing (B) is flat on top of the ceiling.

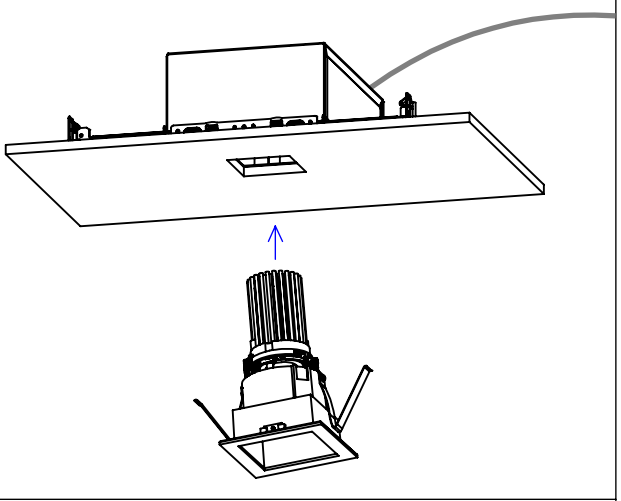


Step 5: Cut ceiling hole that matches the position and dimensions of the Construction Plate (B) hole.



Bottom View

Step 6: Install product (refer to Product Installation Instructions on back).



DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL
ANGULAR: MACH ± 0.5 BEND ± 1.0
ONE PLACE DECIMAL ± 0.05
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.005

3RD ANGLE PROJECTION

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DRAWING NOT TO SCALE **940-B60SDDL** REV N/C

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Whitegoods Bezel 60 Square Directional Downlight

INSTALLATION INSTRUCTIONS

FINISH: WHITE

PART. NO. CP/IC-WG-B60SDDL-X

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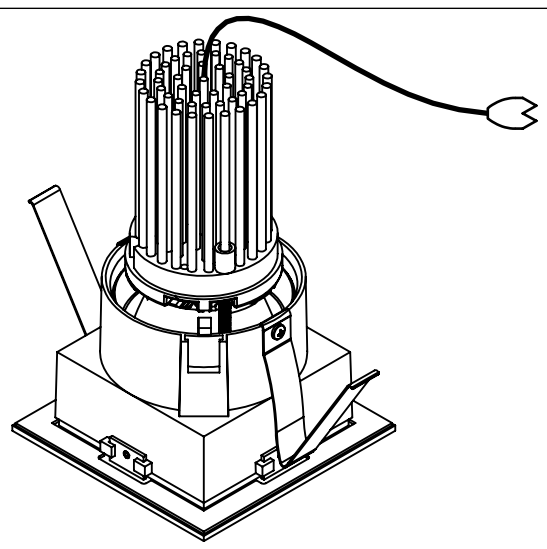
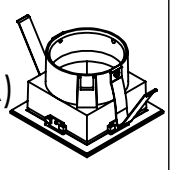
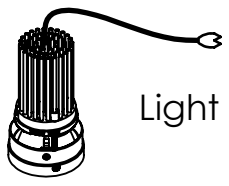


PACKAGE INCLUDES:

Housing and Mounting Clips (A)





Light Engine (B)

ITEMS NEEDED (SUPPLIED BY OTHERS):

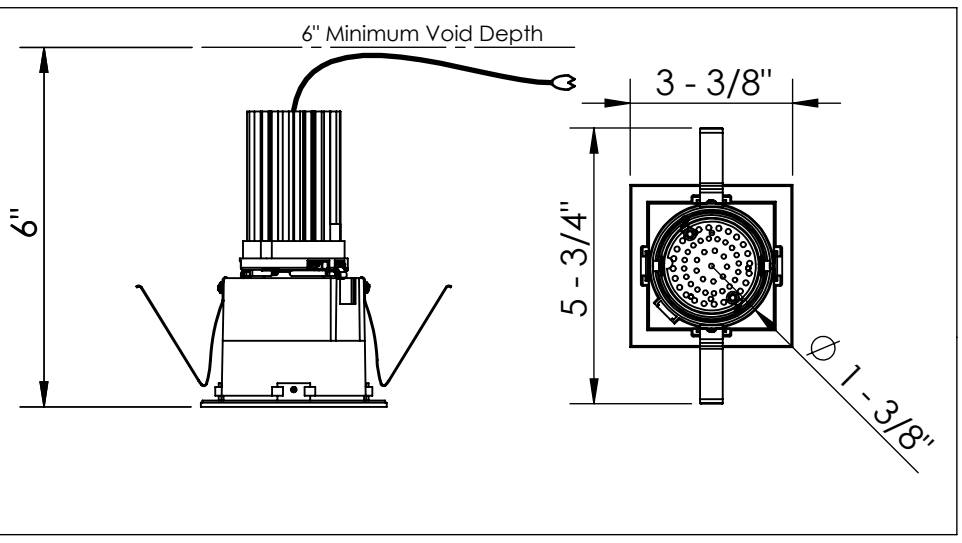
Philips Head #2 Screwdriver

Wire Connectors

Wire Strippers

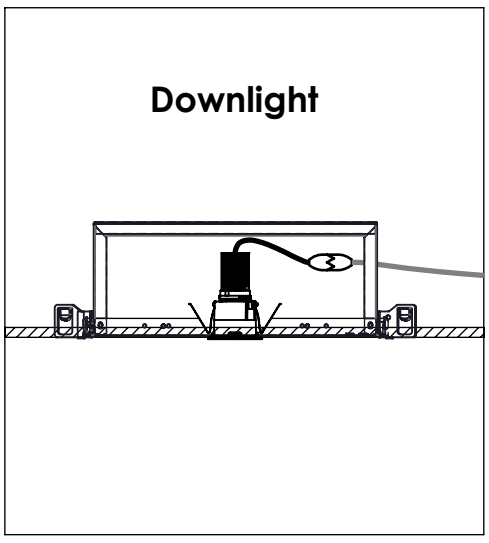
Ceiling Hole Saw

MOUNTING DIMENSIONS



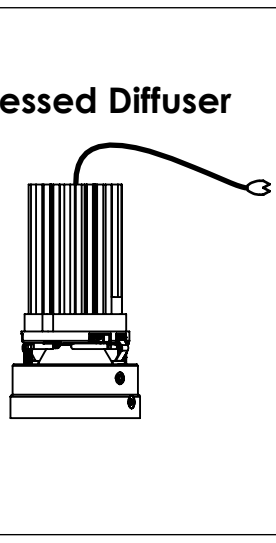
MOUNTING OPTIONS

Downlight



DIFFUSER POSITIONS

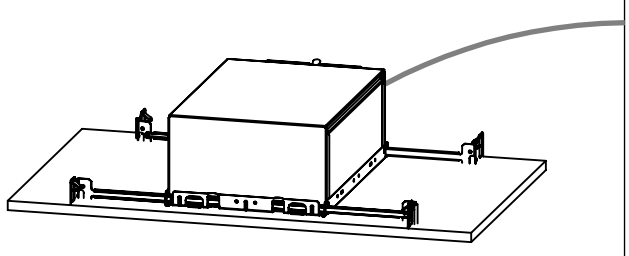
Regressed Diffuser



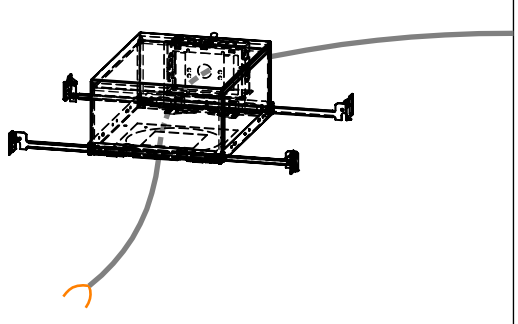
MOUNTING INSTALLATION STEPS

TURN OFF MAIN POWER BEFORE PROCEEDING!

Step 1: Complete up to and includng step 4 of the Chicago Plenum Surface Mount Installation Steps. (Refer to Ceiling Thickness Key before installing)

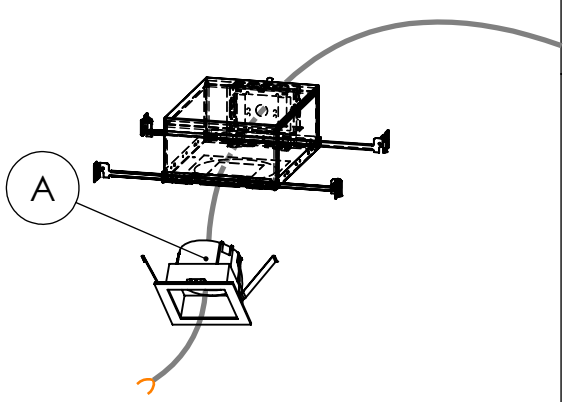


Step 2: Locate the DC Power wires. Then pull them through the hole in the Plenum Box and ceiling.



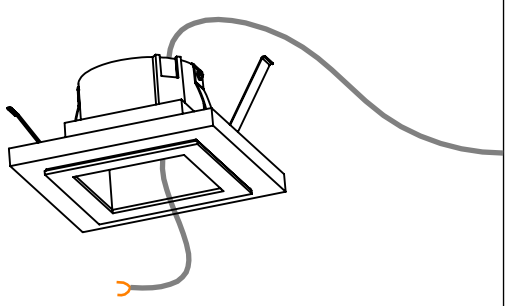
(Ceiling hidden for clarity)

Step 3: Pull DC Power wires through Housing (B).



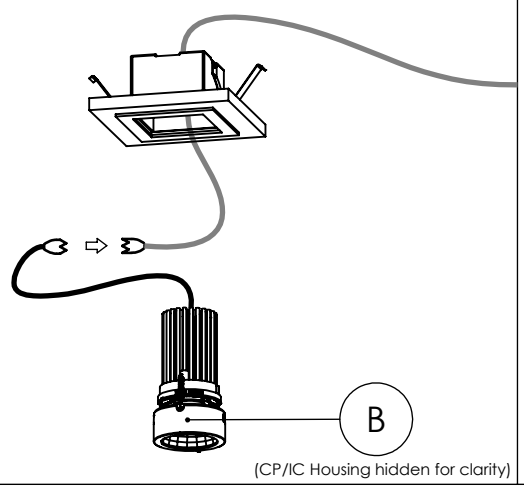
(Ceiling hidden for clarity)

Step 4: Position Housing (A) into ceiling/Plenum hole. Then squeeze the Mounting Clips (A) together and push the housing up into the ceiling.



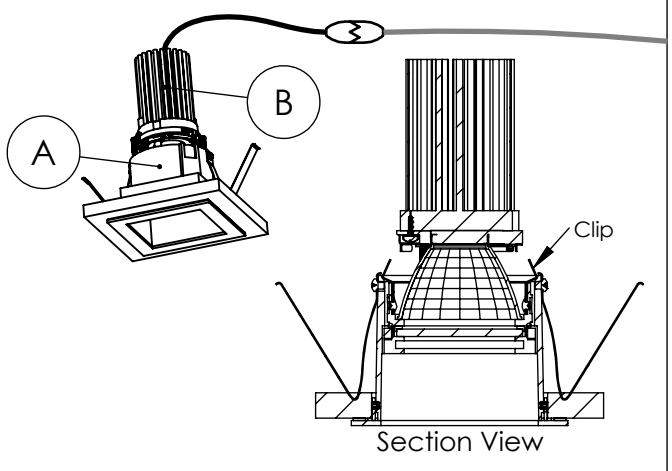
(CP/IC Housing hidden for clarity)

Step 5: Make the connection between the Low Voltage leads and the Light Engine (B) using supplied wire connectors.



(CP/IC Housing hidden for clarity)

Step 6: Insert the Light Engine (B) into the Housing (A). Make sure the clips on the sides of the Light Engine (B) catch on the sides of the Housing (A). See Section View.



(CP/IC Housing hidden for clarity)

Ceiling Thickness Key

Material	Wood	Gypsum	Metal	Tile
Minimum	1/4"	1/2"	1/16"	1/2"
Maximum	1 - 3/4"	1 - 3/4"	11/16"	1 - 3/4"

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Wiring Instructions

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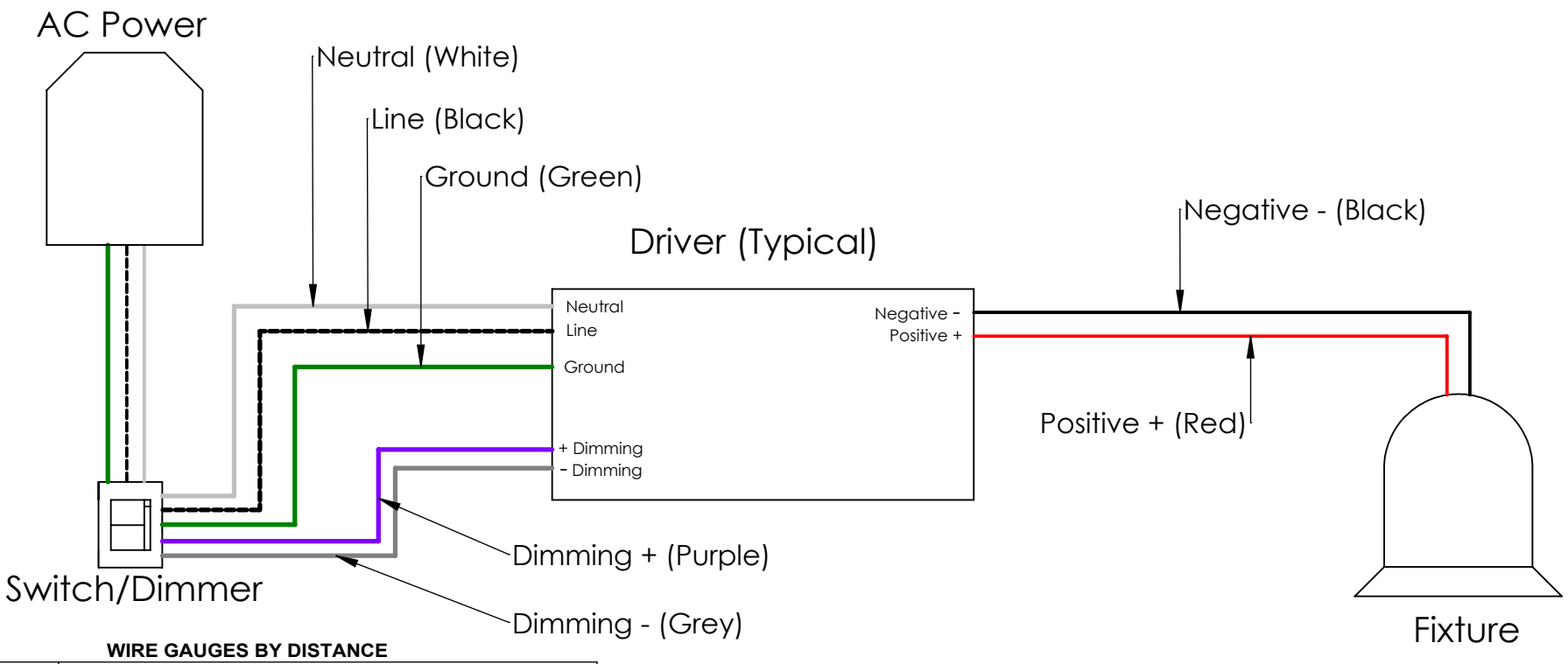
Wiring Key



WIRE GAUGES BY DISTANCE

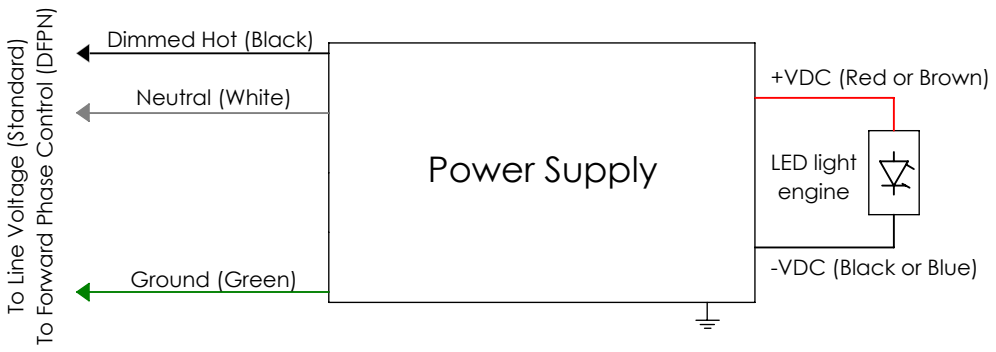
Wire Gauge	Maximum Lead Length		
	Lutron		EldoLED
	200 mA to 700 mA	710 mA to 1.50 A	
#18AWG	30'	15'	72'
#16AWG	35'	25'	118'
#14AWG	50'	40'	150'
#12AWG	100'	60'	200'

*Actual Voltage drop to be calculated by installer

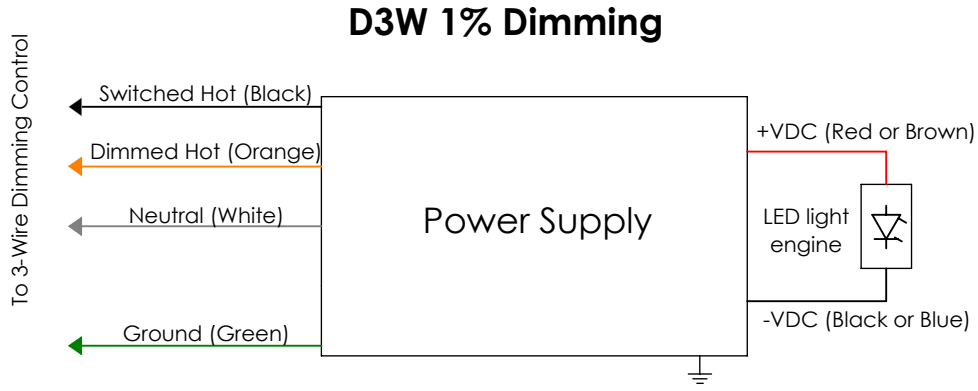
Red	Black	Green	Black	White	Purple	Grey
Positive	Negative	Ground	Line	Neutral	Dimming +	Dimming -

Driver Wiring Diagrams

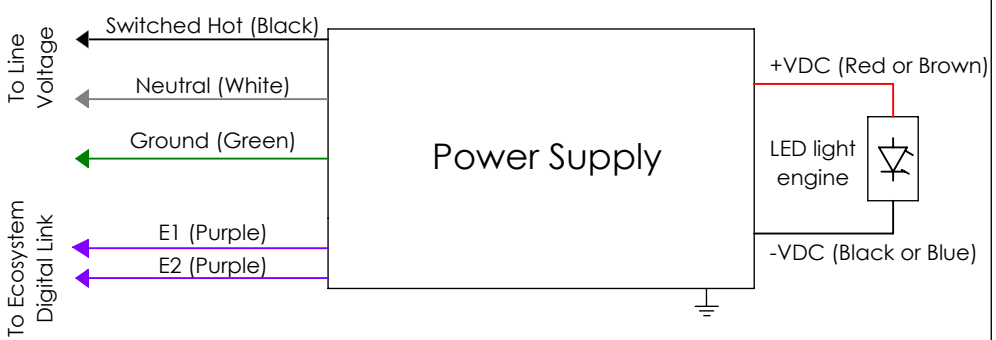
Standard Non-Dimming/DFPN Dimming



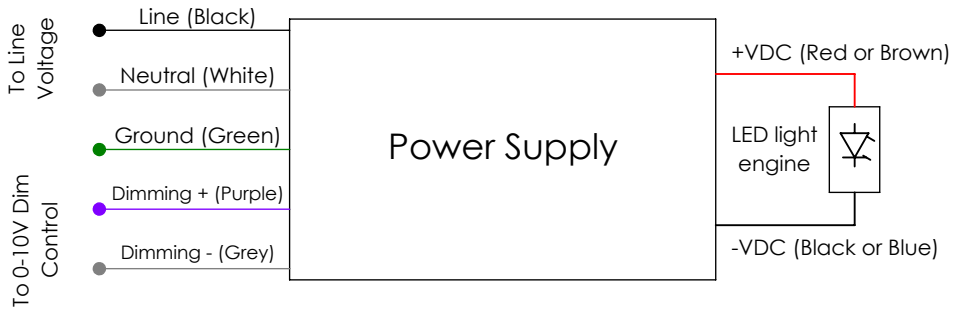
D3W 1% Dimming



DES 1% Dimming



0-10V Dimming



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

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