⚠ WARNING: INSTALL PRODUCT IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES; BY A QUALIFIED ELECTRICIAN.
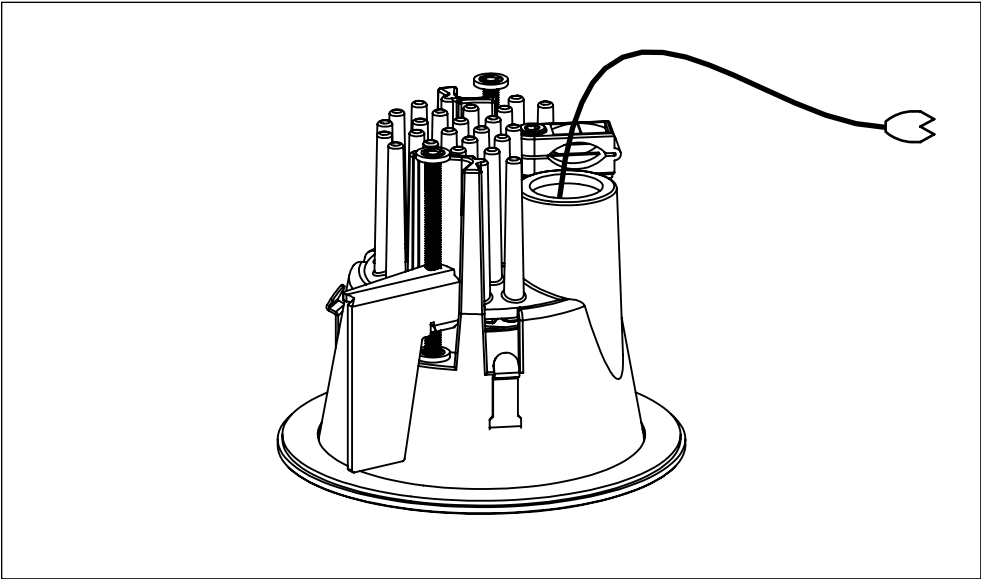
⚠ WARNING: FAILURE TO COMPLY WITH THE INSTALLATION INSTRUCTIONS MAY RESULT IN DEATH OR SERIOUS INJURY.

⚠ WARNING: READ ALL SAFETY INSTRUCTIONS INCLUDED WITH LUMINAIRE BEFORE INSTALLING LUMINAIRE. SAVE INSTRUCTIONS FOR FUTURE USE.
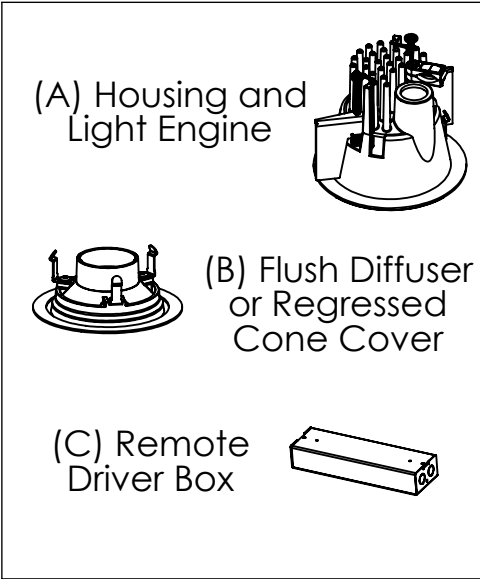
CAUTION: THIS IS AN ELECTRONIC DEVICE. CARE MUST BE TAKEN DURING STORAGE AND HANDLING. STORE IN A CLEAN, COOL AND DRY LOCATION. ELECTROSTATIC DISCHARGE (ESD) CAN HARM THIS PRODUCT. AVOID STATIC DISCHARGE WHILE HANDLING THIS PRODUCT.

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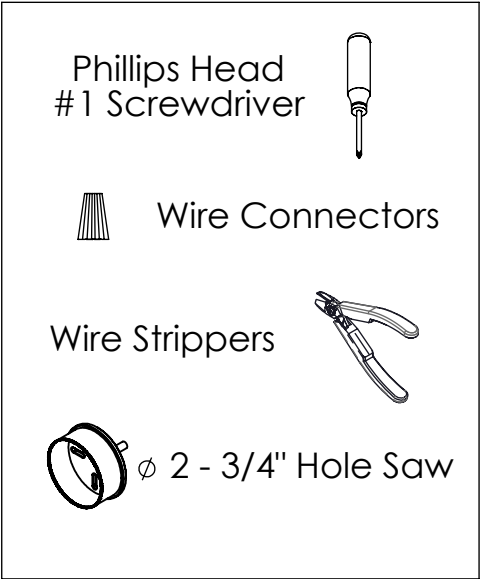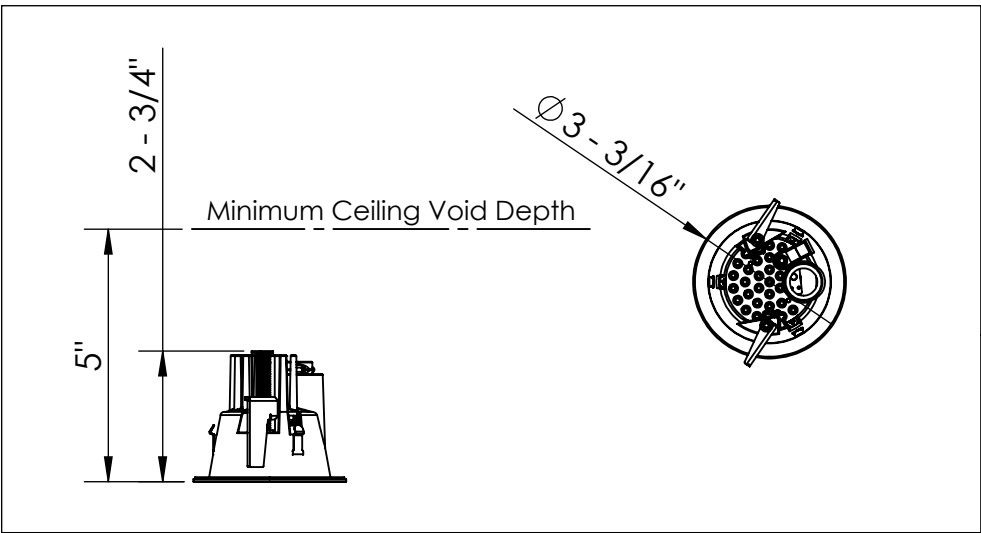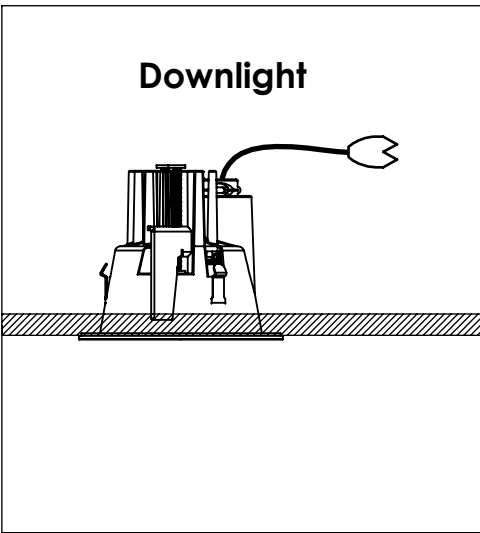
ISOMETRIC VIEW

PACKAGE INCLUDES:

(A) Housing and Light Engine

(B) Flush Diffuser or Regressed Cone Cover

(C) Remote Driver Box

ITEMS NEEDED (SUPPLIED BY OTHERS):

Phillips Head #1 Screwdriver

Wire Connectors

Wire Strippers

⌀ 2 - 3/4" Hole Saw

MOUNTING DIMENSIONS

2 - 3/4"
5"
Minimum Ceiling Void Depth
⌀ 3 - 3/16"

MOUNTING OPTIONS

Downlight

DIFFUSER OPTIONS

Two Diffuser Options:

Regressed Cone
Section View

Flush Diffuser
Section View

MOUNTING INSTALLATION STEPS
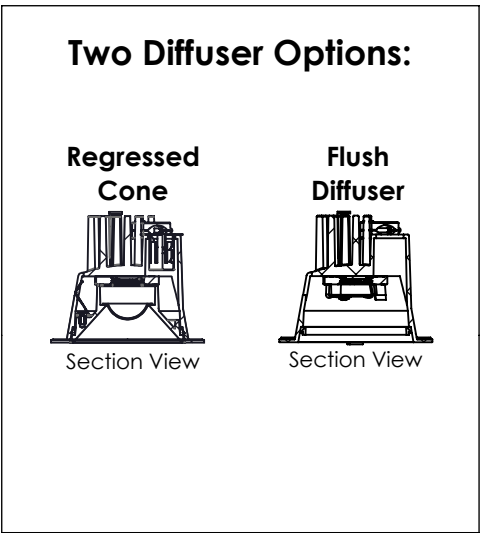
⚠ TURN OFF MAIN POWER BEFORE PROCEEDING!

Step 1: Install the Remote Driver(s) (C). Then run the low voltage wires from your driver to the desired location of your fixture.

C
AC Power
Low Voltage + & −
Driver

Step 2: Cut Hole in the Ceiling and clear insulation as shown.
(1" Maximum Ceiling Thickness)

Bottom View
⌀ 2 - 3/4"

3" — 3"
Side View

Step 3: Locate the Low Voltage leads from Driver (C) and pull them through the ceiling hole. Then make connection between the Housing (A) and the low voltage wires with provided connectors.

A

Step 4: Insert Housing (A) into ceiling hole (1) and tighten the outer screws until Housing (A) is secure (2).

1
A
2

Step 5: Align the springs on the Cover (B) with the corresponding slots on the Housing (A). Then insert the Cover (B) into the Housing (A) and ensure the Spring Clips (B) engage. Do not touch the lens when inserting (shown below). Finally, power and test for proper operation.

A
B
Push here

Servicing Instructions:

Cone Removal:
To remove the cone cover (B), push the diffuser up and pull down on the inside lip of the cone. A hook tool (supplied by others) may be necessary to pull the cone out.

Flush Diffuser Removal:
To remove the flush diffuser, we recommend using a suction cup (supplied by others) to grip the diffuser and pulling down until it is free.

Gasket Application:
The lens is supplied with a gasket on it. If this gasket is removed it must be reapplied before putting the lens back into the cone. Ensure that the inner slope of the gasket faces the dome of the lens.

Ceiling Thickness Key

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

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DRAWING NOT TO SCALE 940-GDL-RD REV N/C

⚠ WARNING:	⚠ WARNING:	⚠ WARNING:	CAUTION:	CAUTION:
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Wiring Key

AC Power

Neutral (White)
Line Voltage (Black)
Ground (Green)

Driver (Typical)

Neutral
Line
Ground
+ Dimming
– Dimming

Negative –
Positive +

Low Voltage – (Black/Blue)
Low Voltage + (Red)

Luminaire

Switch/Dimmer
Dimming + (Purple)
Dimming - (Grey)

Maximum wire distance and voltage drop to be calculated by installer.

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

Driver Wiring Diagrams

Standard Non-Dimming
SPH (Standard phase dimming wired for forward phase)

To Line Voltage (Standard) / To Forward Phase Control (DFPN)

Line (Black)
Neutral (White)
Ground (Green)

Power Supply

+VDC (Red)
LED light engine
-VDC (Black/Blue)

DFPN (Lutron forward phase dimming)
SPH (Standard phase dimming wired for reverse phase)

To Forward Phase Control (DFPN)

Switched Hot (Black)
Neutral (White)
Ground (Green)

Power Supply

+VDC (Red)
LED light engine
-VDC (Black/Blue)

PEQ1 1%/PEQ0 0.1% Dimming

To Line Voltage

Switched Hot (Black)
Neutral (White)
Ground (Green)

To Ecosystem Digital Link

E1 (Purple)
E2 (Purple)

Power Supply

+VDC (Red)
LED light engine
-VDC (Black/Blue)

0-10V Dimming

To Line Voltage

Line (Black)
Neutral (White)
Ground (Green)

To 0-10V Dim Control

Dimming + (Purple)
Dimming - (Grey)

Power Supply

+VDC (Red)
LED light engine
-VDC (Black/Blue)

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.

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DRAWING NOT TO SCALE

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