



**IMPORTANT SAFETY PRECAUTIONS**

**Before you begin, read these instructions completely and carefully.**

- Be certain electrical power is OFF before and during installation, maintenance and removal.
- Luminaire wiring must be properly grounded in accordance with the NEC and any applicable local code requirements.
- Use only UL or IEC approved wire for input/output connections.
- Verify that supply voltage matches voltage on luminaire label. Installation to any other connection may void the warranty.
- Wear gloves during installation to prevent injury and do not expose wiring to metal or sharp edges.
- Do not install in areas subject to combustible vapors or gases. Verify luminaire location ratings are suitable for installation environment (refer to specification sheet as needed).
- Do not restrict luminaire's ventilation by covering with material that will cause luminaire to overheat and potentially shorten the life span.
- Ensure LED luminaire has the correct polarity before installation.



**WARNING:** To reduce the risk of personal injury or property damage from fire, electrical shock, falling parts, abrasions, burns and all other hazards, read all provided warnings and follow installation instructions.

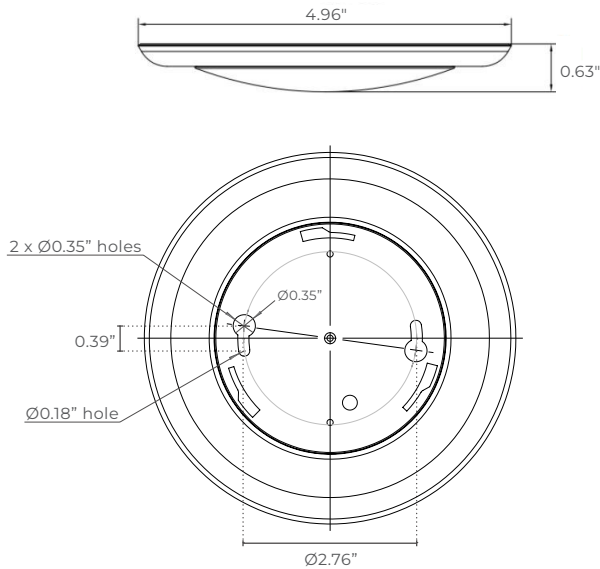
This product should be installed, inspected and maintained by a qualified and licensed electrician. Installation of luminaire must be in accordance with NEC and local code requirements.

**SAVE THESE INSTRUCTIONS**

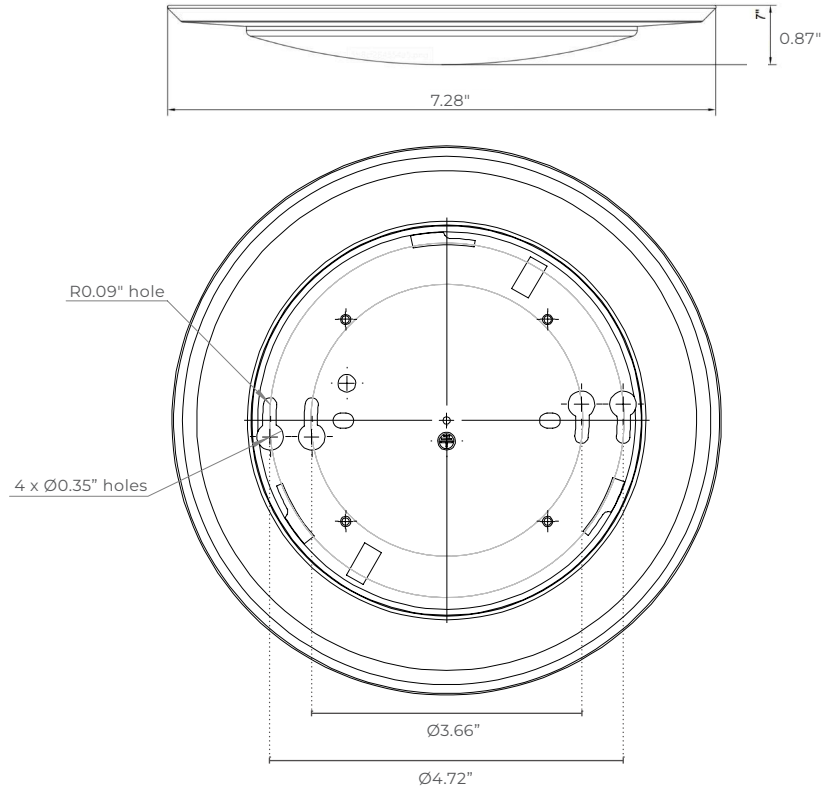


**DIMENSIONS**




**Size 4**

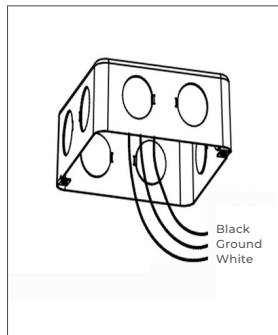


**Size 6**

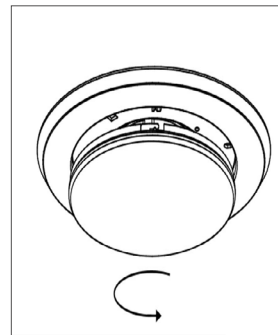


**SURFACE MOUNT INSTALLATION INSTRUCTIONS**

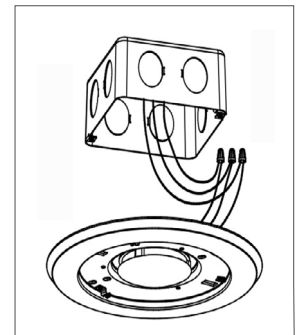
- A)** Prepare fixture and junction box for installation. (Figure 1)
- B)** Remove lens by twisting counterclockwise . (Figure 2)
- C)** Connect supply wires to fixture wires with wire nuts or push connectors. Connect white to white, black to black, and copper wire to copper wire as grounding connection. (Figure 3)
- D)** Arrange the wires into the back of the junction box.
- E)** Align appropriate holes on the mounting plate of the fixture with the holes in the junction box. Using 2 of the longer screws (either #6 or #8 screws depending on the size of the holes in your junction box) attach the mounting plate to the junction box and ensure the fixture is flush with the ceiling.
- F)** Do not over-tighten screws  or fixture will not be tight and flush to the ceiling. (Figure 4)
- G)** Reattach lens by turning clockwise  to lock in place. (Figure 5)
- H)** Installation complete. (Figure 6)



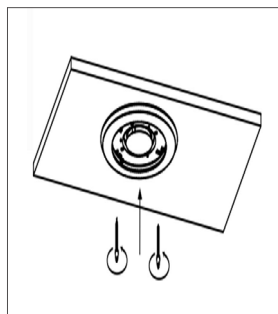
**FIGURE 1**



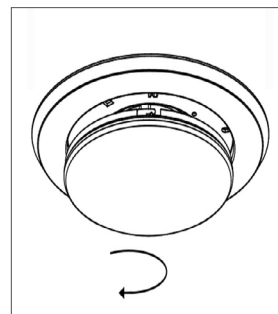
**FIGURE 2**



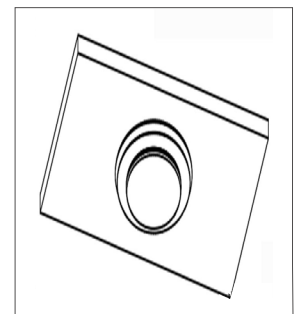
**FIGURE 3**



**FIGURE 4**



**FIGURE 5**



**FIGURE 6**

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**RETROFIT INSTALLATION INSTRUCTIONS - INCANDESCENT HOUSINGS**

**A)** Unscrew the wing nut inside the can to detach the socket bracket from the can. Disengage the socket from the socket bracket. (Figure 3)

**B)** Thread the socket adapter into the socket. (Figure 4)

**C)** Place spring on mounting bracket and complete the installation by twisting the lens on the fixture. (Figure 5)

**D)** If using torsion springs, squeeze both torsion spring arms together and insert into the torsion spring slots (or receiver brackets) of the can. (Figure 6)

**E)** Tuck all wires into the can and carefully push the fixture into the can. Helpful hint: to provide enough room in shallow cans, carefully position socket adapter and socket adjacent to the long side of the LED driver prior to inserting the fixture into the can.) (Figure 6)

**F)** Installation complete.



FIGURE 1

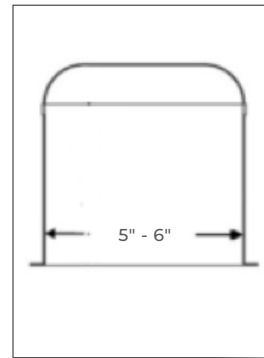


FIGURE 2

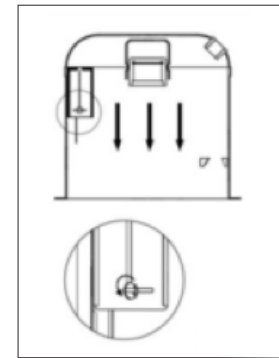


FIGURE 3

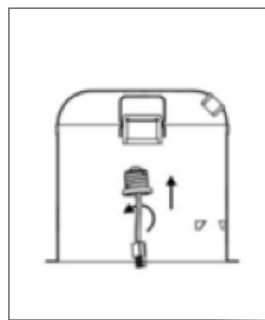


FIGURE 4

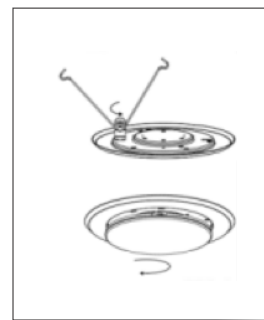


FIGURE 5

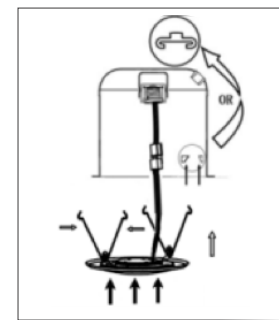


FIGURE 6

**RETROFIT INSTALLATION INSTRUCTIONS - LED HOUSINGS**

**A)** Plug the female connector of the retrofit trim into the male connector of the housing. (Figure 1)

**B)** If using torsion springs, squeeze both torsion spring arms together and insert into the torsion spring slots (or receiver brackets) of the can. (Figure 1)

**C)** Tuck all wires into the can and carefully push the fixture into the can. Helpful hint: to provide enough room in shallow cans, carefully position socket adapter and socket adjacent to the long side of the LED driver prior to inserting the fixture into the can.) (Figure 1)

**D)** Installation complete.

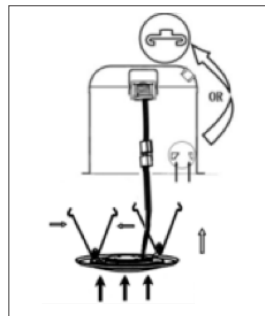


FIGURE 1

**DIMMING**

**A)** Dimming performance will depend on the dimmer, the dimmer range adjustment setting (for dimmers with brightness range adjustments), the wiring method, and/or the number of LED modules installed on the dimmer circuit.

**B)** For dimmer selection, Dimming control manufacturers revise their product often; for the latest list of compatible dimmers please visit our website.

**C)** For best results, it is recommended to install a minimum of four LED modules onto one dimmer.

**D)** Before turning on the LED lights, set dimmer position at maximum before adjusting to a lower light level.

**E)** Please follow the dimming control manufacturer's instructions for the installation of all dimming controls.

**APPROVED DIMMERS**
**LEVITON MODELS**

- 6674
- 6633-P
- 6672
- 6631
- IPL06
- 1E1205
- DB33K1
- 1F4205
- 1A2305
- DSL06-1TW

**LUTRON MODELS**

- NT-1000
- S-603P
- S-600P
- DVCL-153P-WH
- CTCL-153PDH-WH
- SLV-600P-WH
- DV-600P
- CT-603PGH-WH
- MIR-600THW-WH
- MACL-153M-WH
- S-600PR-WH
- DVLV-603P-IV
- DVW-603PGH-WH
- DVFSQ-LFH
- SCL-153PR-WH
- CT-600PR-WH
- CT-103PR-WH
- DVWCL-153PH-LA
- CTCL-150H-WH
- CTCL-153PR-WH
- STCL-153PH-WH

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