

INSTALLATION INSTRUCTIONS

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

⚠ WARNING - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

⚠ WARNING - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and / or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

⚠ WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

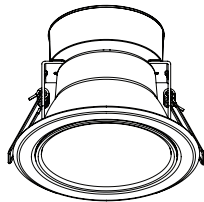
THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS
THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE
WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED
BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED
BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE
AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE
DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR
ELECTRICAL INSTALLATIONS.

FCC INFORMATION

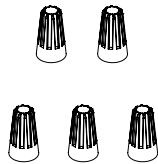
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

PACKAGING CONTENTS

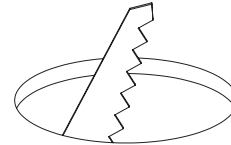


LED Luminaire



(5) Wire Nuts, Twist-Lock

CEILING OPENING DIMENSIONS



8022WH-3W-4-3CCT / 8022CL-3W-4-3CCT/ 8022WHD-3W-4-3CCT	4-3/4" (120.5mm)
8022WH-3W-6-3CCT/8022CL-3W-6-3CCT/ 8022WHD-3W-6-3CCT	6-1/4" (158.8mm)
8022WH-3W-8-3CCT/8022CL-3W-8-3CCT/ 8022WHD-3W-8-3CCT	7-7/8" (199.6mm)

NEW CONSTRUCTION INSTALLATION

1. Turn off power before installation.
2. Before installing the fixture, set the desired color temperature and wattage located on the top of the luminaire. (Figure 1)
3. Cut the opening on the ceiling. Refer to the table in "Ceiling Opening Dimensions".
4. Connect the luminaire to a supply box. (Figure 2) Refer to "Electrical Connections".
CAUTION: Do not place supply box directly above the luminaire.
5. Lift the spring clips on the luminaire and insert the luminaire into the ceiling. (Figure 3)
6. Installation complete, turn on power.
CAUTION: If the luminaire does not turn on within five seconds, turn off power. Remove the luminaire from the ceiling and carefully inspect the wiring connections.

Figure 1

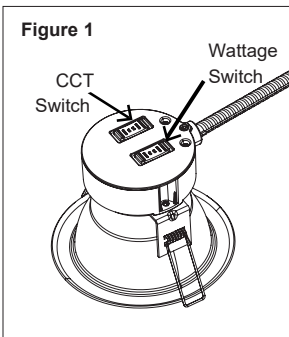


Figure 2

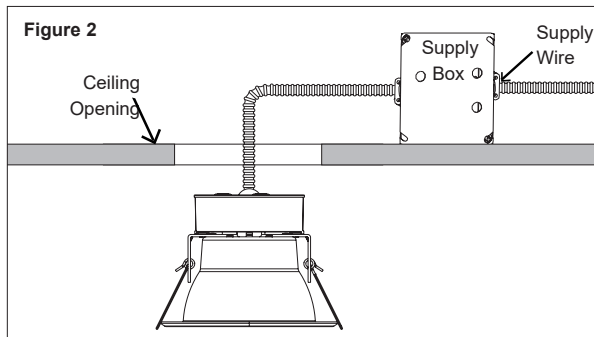
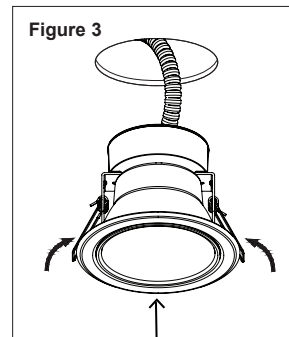


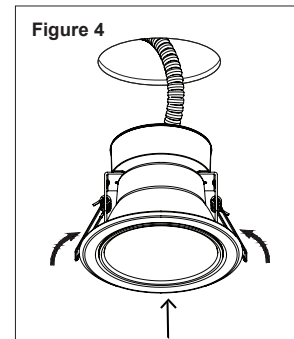
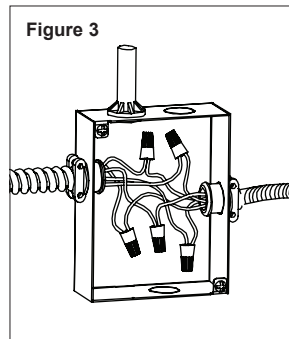
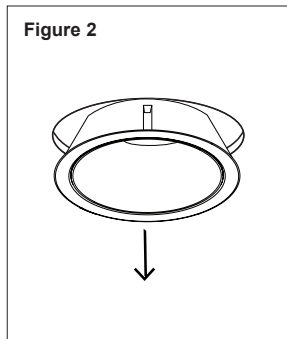
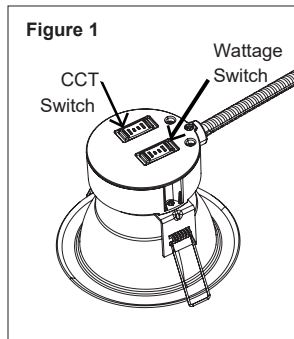
Figure 3



INSTALLATION INSTRUCTIONS

RETROFIT INSTALLATION

1. Turn off power before installation.
2. Before installing the luminaire, set the desired color temperature and wattage located on top of the luminaire. (Figure 1)
3. Remove the existing lamp and trim. (Figure 2)
4. Locate the existing supply box in the ceiling and disconnect the supply wires from the previous lamp.
CAUTION: NQZ2 does not require a protector/sensor. If a thermal protector or insulation sensor was installed from the previous luminaire, disconnect the protector/sensor based off the environmental conditions.
5. Connect the luminaire wires to the existing supply box. (Figure 3) Refer to "Electrical Connections".
6. Lift the spring clips on the luminaire and insert the luminaire into the ceiling (Figure 4).
7. Installation complete, turn on power.
CAUTION: if the luminaire does not turn on within five seconds, turn off power. Remove the luminaire and carefully inspect the wiring connections.



ELECTRICAL CONNECTIONS

0-10V DIMMING CONNECTION:



NOTE ON GROUNDING: Many structures carry grounding via steel conduit. If this is the case, if there is no grounding wire, simply leave green wire on fixture attached. Fixture will be grounded through attachment of conduit to junction box. However, if Romex or PVC conduit is used, ground wire will always be present, and must be connected to green wire on fixture junction box to avoid electrical shock hazard.

Model No.	Power	Input Voltage	Luminous Flux	CCT	Suitable for
8022WH-3W-4-3CCT / 8022CL-3W-4-3CCT 8022WHD-3W-4-3CCT	12W/9W/7W	120-277V	1000lm/750lm/580lm	3000K/ 3500K/4000K	Wet Location
8022WH-3W-6-3CCT/8022CL-3W-6-3CCT/ 8022WHD-3W-6-3CCT	20W/16W/12W	120-277V	2000lm/1600lm/1200lm	3000K/ 3500K/4000K	Wet Location
8022WH-3W-8-3CCT/8022WHD-3W-8-3CCT	25W/20W/15W	120-277V	2700lm/2200lm/1700lm	3000K/ 3500K/4000K	Wet Location
8022CL-3W-8-3CCT	25W/20W/15W	120-277V	2500lm/2000lm/1500lm	3000K/ 3500K/4000K	Wet Location

VERIFIED LIST OF TESTED DIMMERS (TRIAC)

Brand	Model No.	Compatible Model No.
LUTRON	DVCL-153P-AL	8022WHD-3W-4-3CCT 8022WHD-3W-6-3CCT 8022WHD-3W-8-3CCT
	DVCL-253P-WH	
	AYCL-253P-LA PD-6WCL-WH-R	
Leviton	IPL06-10Z IPE04-1LZ	

VERIFIED LIST OF TESTED DIMMERS (0-10V)

Brand	Model No.	Compatible Model No.
LUTRON	DVELV-303P-AL Diva DVSTV	8022WH-3W-4-3CCT 8022CL-3W-4-3CCT 8022WHD-3W-4-3CCT
Leviton	DS710-10Z	8022WH-3W-6-3CCT 8022CL-3W-6-3CCT 8022WHD-3W-6-3CCT
COOPER	Cat.No:s SF10P DF10P-C1	8022WH-3W-8-3CCT 8022CL-3W-8-3CCT 8022WHD-3W-8-3CCT