

INSTALLATION INSTRUCTIONS



WARNING
ELECTRICAL SHOCK HAZARD

READ and UNDERSTAND these instructions before installing the luminaire.

Disconnect the Electrical supply power at the services panel (fuse or circuit breaker box). Failure to do so could result in serious injury. Only qualified electricians should install this luminaire and the installation MUST conform to the Canadian Electrical Code Part I, NEC and any local codes and ordinances. Make sure you have the proper tools and materials to complete the installation before attempting to install the luminaire.

CAUTION

- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- The LED downlight is intended for mounting in an indoor application. Suitable for wet location.
- Operating temperature: -30 °C / -22 °F to 40 °C / 104 °F.

THIS FIXTURE INCLUDES:

One LED downlight and one wiring box (Fig. 1A).

INSTALLATION

- Locate a suitable position to place the LED downlight into the ceiling (see hole cut size and wiring box dimensions in Fig. 1A.).
- Cut a hole into the ceiling in accordance to the cut-hole dimensions (Fig. 1A.):

- 4 inch LED downlight model cutting hole size range: Ø 4" (102 mm) to 4 1/4" (108 mm).
- 6 inch LED downlight model cutting hole size range: Ø 6" (152.4 mm) to 6 1/2" (165.1 mm).
- 8 inch LED downlight model cutting hole size range: Ø 7 1/2" (190 mm) to 8 1/2" (215.9 mm).

- Run the electrical power supply cable through the mounting hole.
- Select the desired LED color temperature and power by using the switches situated on the wiring box as shown on Fig. 1A.
- Open the wiring box cover and remove the appropriate knockouts (Fig. 2).
- Insert the electrical supply cable through the knockout and fasten it with a wire connector (not included).
- Make electrical wiring inside the wiring box:
- Connect green GROUND wire of power cable to green ground wire of the luminaire.
- Connect NEUTRAL white wire of power cable to white neutral wire of the luminaire.
- Connect the LINE black wire of the power cable to black wire of the luminaire.
- Connect the two dimming wires (pink and purple) to the dimming controller (optional).

NOTE: Cap the dimming wires when not used.

- Place all wiring and connections back into the wiring box. Close the cover of the wiring box.
- Insert the wiring box through the ceiling mounting opening (Fig. 3). Secure the wiring box into the ceiling by using screws and the key holes.
- Bend the butterfly brackets of the LED downlight by facing upwards and insert it into the false ceiling opening. Slowly release the unit up to the ceiling and the springs will hold the fixture in place (Fig. 4).

NOTE: Check if the LED downlight is securely installed on the ceiling.

- Once assembly is complete, switch on power to confirm the LED downlight is working properly.

Model No.	Power	Input Voltage	Luminous Flux	CCT	Suitable for
8522WH-3W-4-5CCT/8524WH-3W-4-5CCT	12W/10W/8W	120-347V	1100lm/900lm/750lm	2700K/3000K/3500K/4000K/5000K	Wet Location
8522WHD-3W-4-5CCT		120-277V			
8522WH-3W-6-5CCT	18W/15W/12W	120-347V	1800lm/1500lm/1200lm	2700K/3000K/3500K/4000K/5000K	Wet Location
8524WH-3W-6-5CCT			1700lm/1500lm/1200lm		
8522WHD-3W-6-5CCT	18W/15W/12W	120-277V	1800lm/1500lm/1200lm	2700K/3000K/3500K/4000K/5000K	Wet Location
8522WH-3W-8-5CCT	25W/20W/15W	120-347V	2800lm/2200lm/1800lm		
8524WH-3W-8-5CCT			2500lm/2000lm/1500lm		
8522WHD-3W-8-5CCT	25W/20W/15W	120-277V	2800lm/2200lm/1800lm		

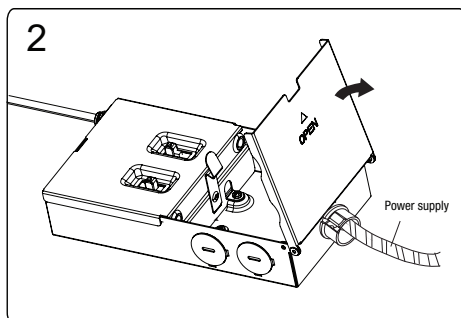
VERIFIED LIST OF TESTED DIMMERS (TRIAC)

Brand	Model No.	Compatible Model No.
LUTRON	DVCL-153P-AL	8522WHD-3W-4-5CCT
	DVCL-253P-WH	
	AYCL-253P-LA	8522WHD-3W-6-5CCT
	PD-6WCL-WH-R	
Leviton	IPL06-10Z	8522WHD-3W-8-5CCT
	IPE04-1LZ	

VERIFIED LIST OF TESTED DIMMERS (0-10V)

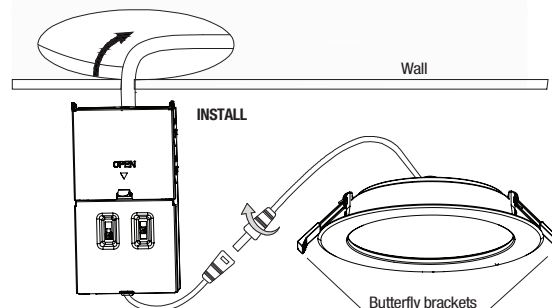
Brand	Model No.	Compatible Model No.
LUTRON	DVELV-303P-AL Diva DVSTV	8522WH-3W-4-5CCT
		8522WH-3W-6-5CCT
Leviton	DS710-10Z	8522WH-3W-8-5CCT
		8522WHD-3W-4-5CCT
COOPER	Cat.No:s SF10P DF10P-C1	8522WHD-3W-6-5CCT
		8524WH-3W-4-5CCT
		8524WH-3W-6-5CCT

1A

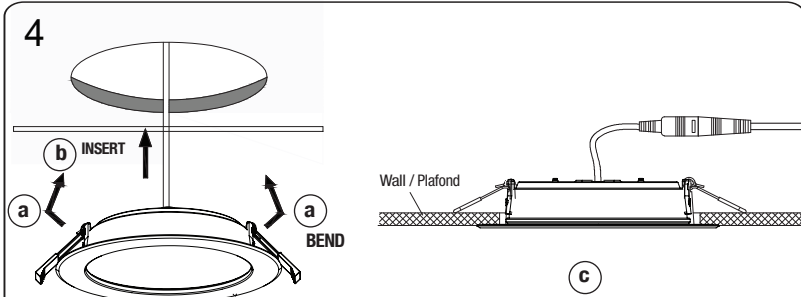


NOTE: IMAGES MAY NOT REFLECT YOUR EXACT MODEL AND ARE FOR REFERENCE PURPOSES ONLY.

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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.

0-10V DIMMING CONNECTION:

