

INSTRUCTION SHEET

Model Numbers: RL4XVR/RL6XVR/RL8XVR Series Recessed Retrofit Downlights
Architectural Recessed Housings for Retrofit of existing ceiling or downlight frames.



WARNING: Before starting to work with the electrical supply wires, verify that this circuit's power has been disconnected by switching off its Circuit Breaker or removing its fuse from the fuse panel. The use of a wall switch to turn off the circuit is and not sufficient to prevent an electrical shock. Luminaire must be connected to supply wire rated for 90°C. This product is to be installed by a qualified electrician.

CAUTION: Ceiling insulation must be kept a minimum of 3" away from the sides of the pieces that make unit. Insulation is not allowed to contact the top. In addition the unit must maintain a minimum clearance of 1/2" away from all combustible materials such as adjacent wooden ceiling joists and sub-flooring or roofing above. These factors should be taken into consideration when locating this fixture.

IMPORTANT: These instructions cover retrofit installation. There will be variations to these instructions depending on dimensions of the existing downlight frame being retrofitted. This product may not fit into every type of existing frame. Before attempting install, read these directions fully AND measure existing existing frame opening and depth to see if this retrofit kit will fit. The existing frame must have springs in order to hold new LED Reflector Assembly in place. You will need to be able to access the wiring above the existing downlight to be able to disconnect it and then reconnect this retrofit kit. Wear soft clean gloves while installing LED Reflector Assembly to prevent finger prints and scratches.

INSTALLATION INSTRUCTIONS

1. Removal of Existing Downlight:

First, read all Warnings, Cautions, Important notes, and instructions on this sheet prior to beginning. Once you have verified within a reasonable certainty that this product will fit into existing frame, then proceed with installation. Because of the numerous brands and types of downlight luminaires, your installation method may be different. Remove existing finishing trim piece from old downlight. Then, pull out existing reflector. Disconnect electrical lead from the junction box of old downlight.

2. Wiring:

See Driver or Specification Sheet related to this product for wattage ratings. Use only supplied driver. Open the junction box and make electrical connections as needed per the wiring diagram and in accordance with local codes or N.E.C. Use an appropriate method suitable for the size, type, and number of wires at each connection. Remove a knockout from the edge of the junction box and attach a strain relief to the supply conduit/cable. Ground the luminaire in the junction box using green wire. Connect Common (white) and Hot (black) leads. The use of the dimming leads is optional (read below). If not using low-voltage dimming, cap the leads. When all wiring is completed, carefully push wires into junction box and screw its cover closed.

DIMMING

The standard supplied driver may be dimmed through the 120V line by using a LED rated ELV dimmer, or for much better performance by using the low-voltage 0-10V leads (0-10V dimmer required). Other drivers are also available and may have been ordered! If dimming, please look at the driver closely to determine which dimming protocol is being supplied and wire accordingly (common types of non-A/C dimming are 0-10V, DALI and DMX). If not using low-voltage type dimming, cap the leads.

3. Installation of New LED Reflector Assembly:

If previously disconnected, connect Quick Snap connector between driver box and LED Reflector Assembly. Insert and place driver box on ceiling away from insulation to allow cooling. Carefully push LED Reflector Assembly and remaining connection cable into existing frame until new reflector is held firmly into place by the springs of existing frame. The new reflector is self-flanged and should cover existing ceiling hole cutout.

