

SAVE THESE INSTRUCTIONS**INSTALLATION INSTRUCTIONS
CEILEO RECESSED CANOPY LUMINAIRE****READ THOROUGHLY BEFORE INSTALLING**

WARNING! Fixtures must be grounded and installed in accordance with the National Electrical Code and all local codes. Failure to do so may increase the RISK OF PERSONAL INJURY, PROPERTY DAMAGE, FIRE AND DEATH. Install and use so fixture failures do not cause a hazard and use only in environments for which the product is specifically marked.

WARNING! This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning, or otherwise touching this product.

CAUTION! Follow ALL luminaire and control recommendations, product markings, instructions, restrictions and warnings regarding luminaire operation and burning position. Luminaire label shows electrical and environmental requirements and restrictions.

All electrical work must be done by a qualified electrician.

Turn off electric power to all affected circuits and allow to cool before servicing.

Carefully read these instructions before installing product. If you do not understand these instructions, before starting any work, contact your Hubbell Lighting distributor or techsupport@hubbell-ltg.com or (864) 678-1000.

Give instructions to facility owner/manager for future reference.

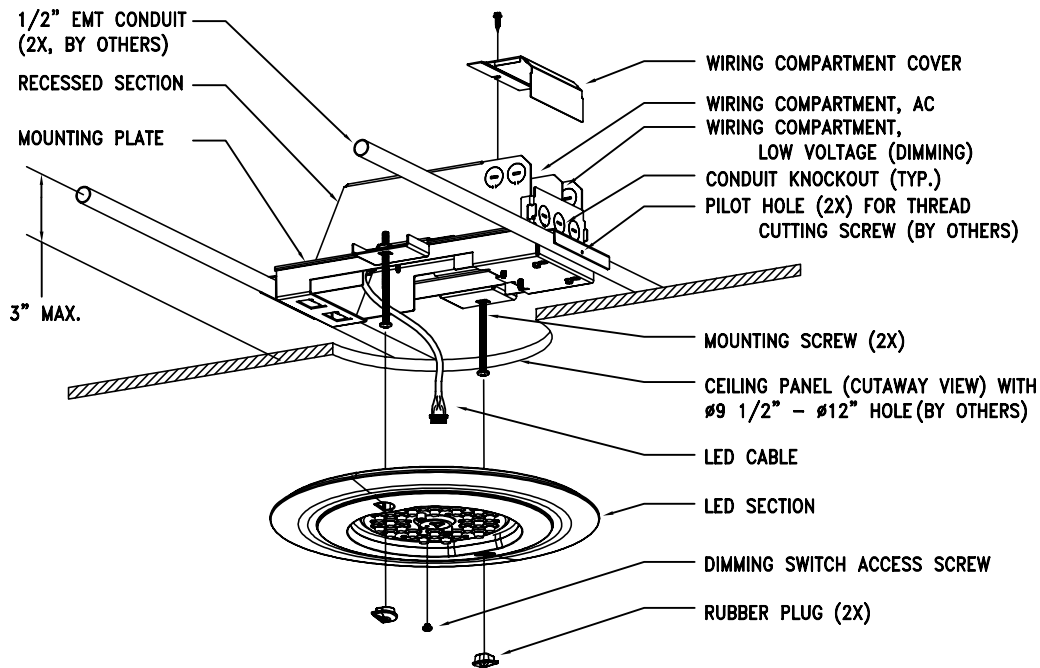
NOTE: This luminaire is designed for outdoor lighting applications and should not be used in areas of high ambient temperature or limited ventilation, or in enclosures.

WARNINGS: Dangerous voltages exist within the unit and all precautions usually observed in handling high voltage equipment should be observed when replacing light engine or otherwise servicing luminaires. Disregarding this warning could result in electrical shock and possible injury to the individual installing or servicing this equipment. Installation and servicing should be done by qualified personnel.

Remove all packaging materials from fixture before installing the fixture.

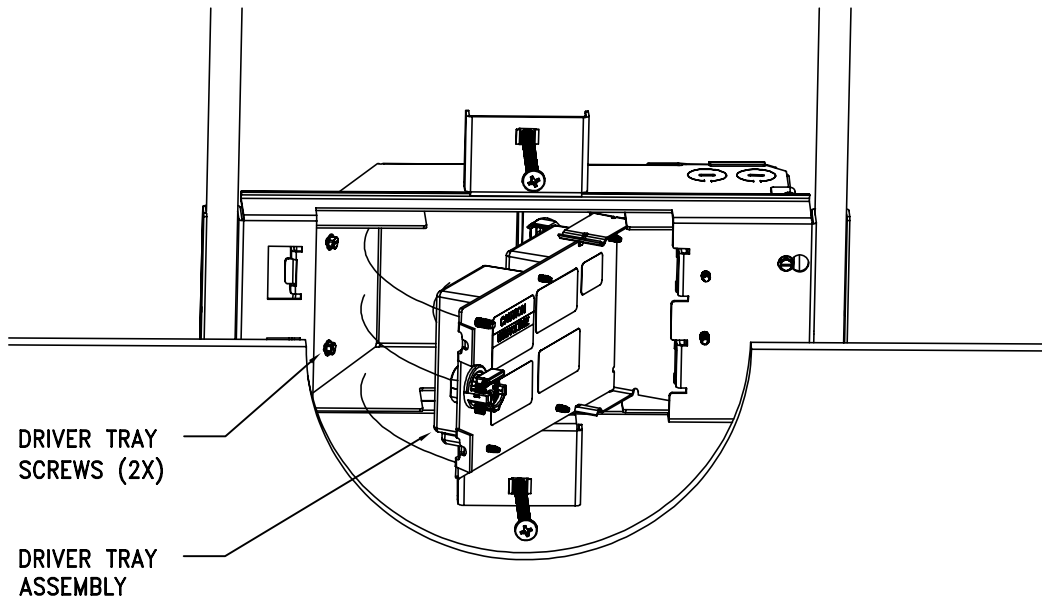
CAUTIONARY NOTES

1. Product is to be mounted only in outdoor canopies with covered ceilings; non fire-rated installations.
2. Product is not suitable for insulation contact.
3. The installer is responsible for verifying that the ceiling structure is capable of supporting luminaire. If mounting on horizontal conduit, consider that the LED section and ceiling panel will be pulled upward, and the recessed section will be pulled downward by the mounting screws.
4. Do not plug or unplug the LED cable while fixture is under power, or within one minute of disconnecting power. Otherwise, LEDs may be damaged or destroyed.
5. Any exterior dimming device must be 0-10V current sinking type.



INSTALLATION

1. Luminaire is typically shipped assembled. Remove LED section - remove two rubber plugs, loosen two mounting screws, rotate and lift off LED section, and disconnect cable from back.
2. Cut a circular hole in the ceiling panel. Hole size of 9 1/2" to 12" is recommended for best results.
3. Luminaire may be mounted on two pieces of 1/2" electrical metal tube (EMT) conduit (provided by others and supported by structure of ceiling). Centerline of conduit should be situated no higher than 3" from bottom plane of ceiling. Pilot holes are provided for optional locking screws - drill through luminaire mounting plate and conduit and install thread cutting screws (by others). Note that mounting plate can be separated for ease of installation.
4. Alternatively, the recessed section may be simply rested on the ceiling panel (if suitable to bear the weight), to be clamped in place upon installation of the LED section. The recessed section can pass through a 9 1/2" hole in the ceiling.
5. Disconnect power for wiring. Check rating label and verify correct supply voltage. Remove cover to access wiring compartment. Wiring compartment is partitioned into two sections for AC mains wiring (line, neutral, ground), and dimming wiring (violet "dim+" and gray "dim-" conductors). Use of dimming connections is optional. Remove knockout plugs as needed, connect 1/2" conduit (by others), and make wiring connections. Use Class 1 wiring methods for all wiring (including dimming). Replace the cover.
6. Install LED section - adjust position of mounting screws as necessary, plug LED cable into LED section, maneuver screws into mounting slots and tighten moderately (keeping the two sections centered and screws aligned vertically), and insert rubber plugs to conceal screws.



POST-INSTALL WIRING ACCESS AND DRIVER TRAY REMOVAL

1. Disconnect power.
2. Remove the LED section (see "installation" section at left).
3. Loosen the two driver tray screws and swing down driver tray.
4. Unplug electrical connectors above driver tray, and remove driver tray. Wiring compartments are now accessible from the interior of the recessed enclosure.

DIMMING ADJUSTMENT

1. The instructions below refer to luminaires with individual optics, not one piece diffusing lens.
2. Note that it is not necessary to power off the luminaire to adjust dimming.
3. The internal dimming adjustment may be used concurrently with external dimming controllers of 0-10V current sinking type. The luminaire will respond to the control source generating the lowest input signal.
4. To adjust dimming, remove the black plastic access screw at the center of the LED array.
5. Insert a flat head precision screwdriver into the exposed hole to manipulate rotary dimming switch. Switch has four positions corresponding approximately to 25%, 50%, 75%, and 100% power.
6. Replace the access screw.