



WARNING:

- Risk of electric shock. Disconnect power at fuse or circuit breaker before installing or servicing.
- To prevent early lamp failure, lamp should only be installed in operating environments between -20°C and +40°C (-4°F and 104°F)
- No user serviceable parts inside. To avoid electric shock do not disassemble product.
- This product is not intended for use in emergency light fixtures or exit signs.
- Risk of fire or electrical shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

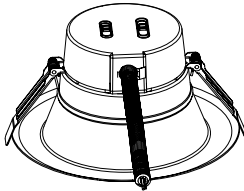
ATTENTION:

- Turn power off before inspection, installation, or removal.
- Suitable for use in dry, damp and wet indoor and outdoor locations. Use only on 120-277 VAC, 60Hz circuits.

NOTE:

- Not all existing mounting frames will be compatible with the CLR. To ensure compatibility, a test installation should be conducted.
- The CLR LED Retrofit Kit is designed to be installed in a standard 4", 6" or 8" CFL mounting frame.

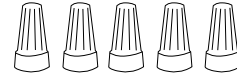
What's In The Box



One (1) CLR



One (1) MC Connector



Five (5) Wire Nuts

Tools Needed

This LED Recessed Kit requires very few tools for installation. A screwdriver and a pair of wirecutters will help to install the downlight to a JBox or housing.



Frame Compatibility

CLR4: 4¼" min - 5¼" max

CLR6: 5½" min - 7" max

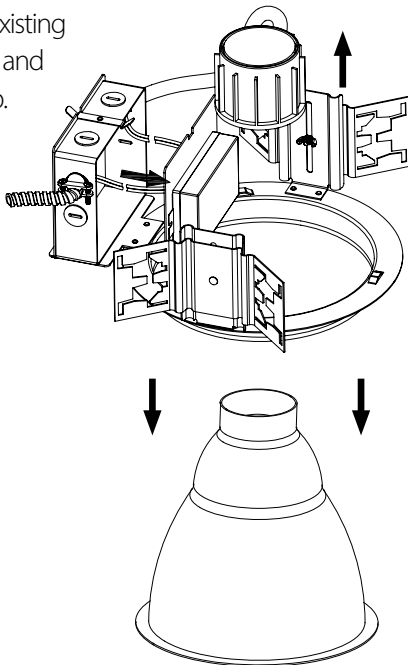
CLR8: 7¼" min - 9" max

CLR Kit Installation With Existing Frame

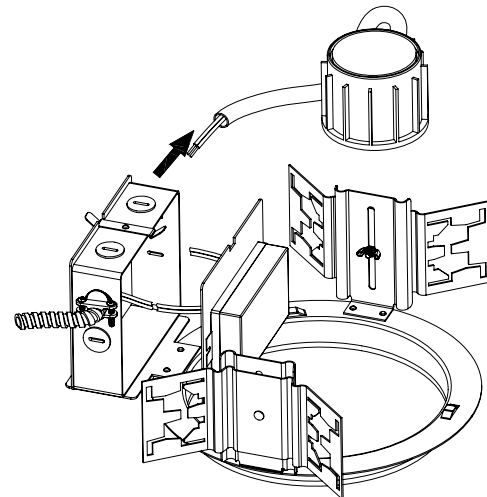


Make sure all power is turned off before beginning installation

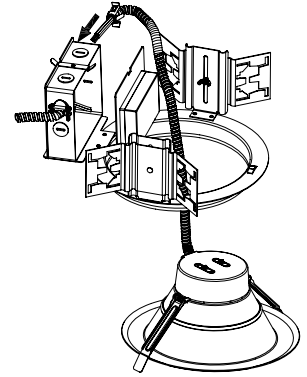
- 1 Remove existing lamp, trim and socket cap.



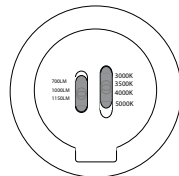
- 2 Remove J-Box cover plate from existing lamp ballast. Do not dispose. Disconnect all wires from ballast. Remove the socket cap metal conduit (MC) cable from the J-Box.



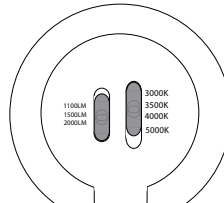
- 3 Fasten the LED retrofit kit MC cable to the J-Box using the included MC connector.



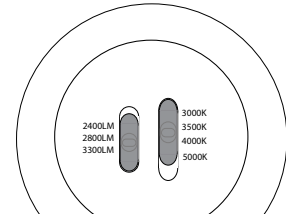
- 4 Adjust CCT or Lumen output by setting the switch positions on the back of the fixture to the desired settings.



CLR43SUS9WH



CLR63SUS9WH



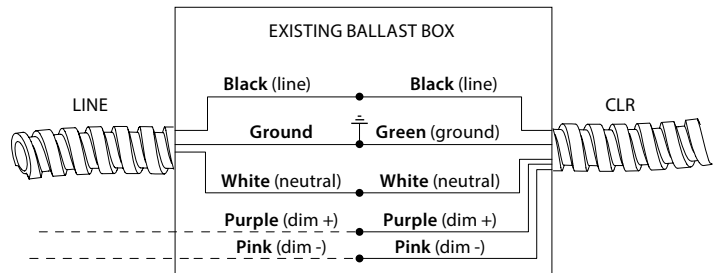
CLR83SUS9WH

Note:

- 1) Power selection switch is a three-position switch that will adjust light output: low/med/high.
- 2) CCT selection switch is a four-position switch that will adjust Color Temperature between 3000K, 3500K, 4000K, or 5000K

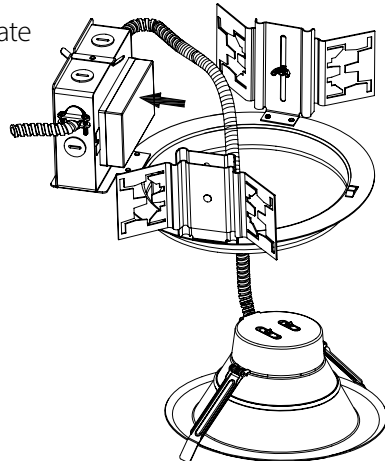
- 5 Make wiring connection to junction box.

- a. Connect **Black** wire to line wire.
- b. Connect **White** wire to neutral wire
- c. Connect **Green** wire to ground wire
- d. Route and connect **Purple** and **Pink** 0-10V dimming control wires in accordance with dimmer instructions and electrical code.

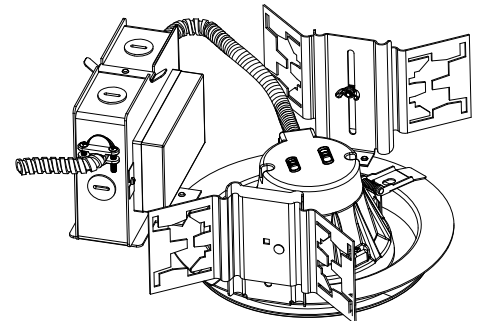


NOTE: If 0-10V dimming is NOT to be connected, it is recommended to cut off the exposed, tinned leads on the purple and pink wires, and cover the ends with a small piece of electrical tape or wire nut. If bare 0-10V control wires should accidentally touch a grounded surface, it could cause unintended flickering or dimming of the light fixture.

- 6 Put back J-Box cover plate (with lamp ballast still attached to it).



- 7 Lift upward on retention tabs while pushing the retrofit kit through the rough-in, release the retention tabs and push trim flush to the ceiling, ensuring a secure fit.



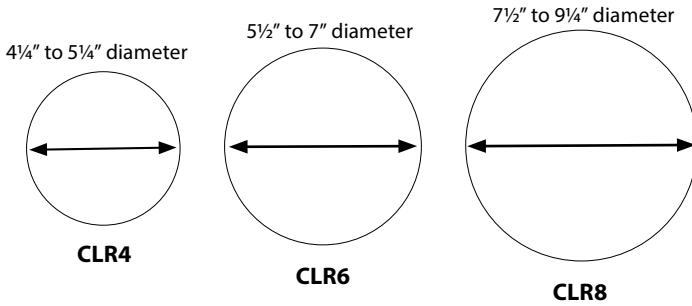
- 8 Turn on power and verify proper operation.

CLR Kit Installation **Without Frame**

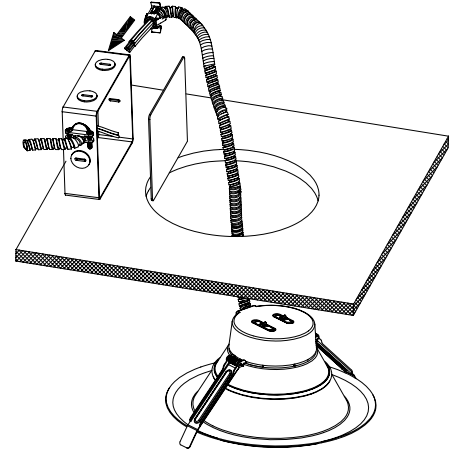


Make sure all power is turned off before beginning installation

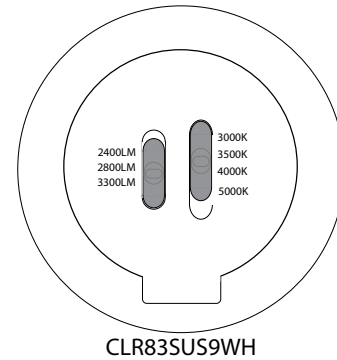
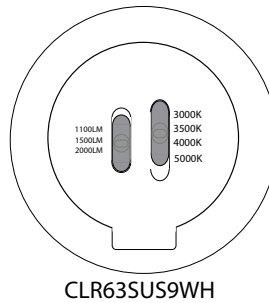
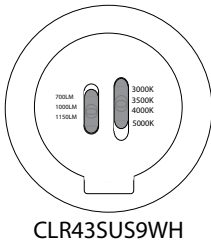
- 1 Identity fixture location and cut rough-in hole. Cut holes according to dimensions below.



- 2 Fasten the LED retrofit kit MC cable to a field installed j-box (not supplied) per local electrical code using a standard MC connector (not supplied).



- 3 Adjust CCT or Lumen output by setting the switch positions on the back of the fixture to the desired settings.

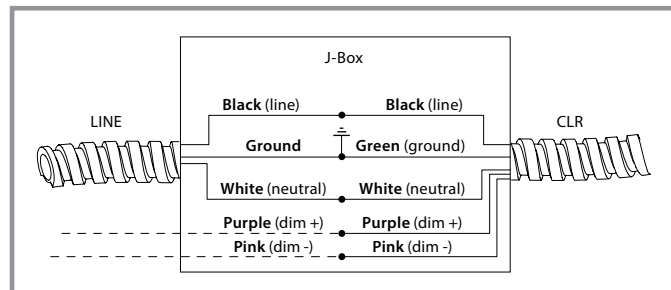


Note:

- 1) Power selection switch is a three-position switch that will adjust light output: low/med/high.
- 2) CCT selection switch is a four-position switch that will adjust Color Temperature between 3000K, 3500K, 4000K, and 5000K.

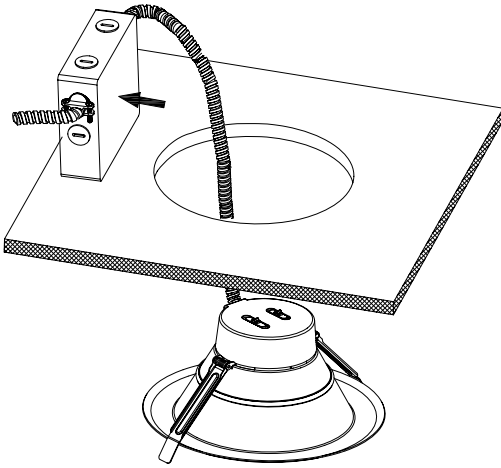
- 4 Make wiring connection to junction box.
 - a. Connect **Black** wire to line wire.
 - b. Connect **White** wire to neutral wire

- c. Connect **Green** wire to ground wire
- d. Route and connect **Purple** and **Pink** 0-10V dimming control wires in accordance with dimmer instructions and electrical code.

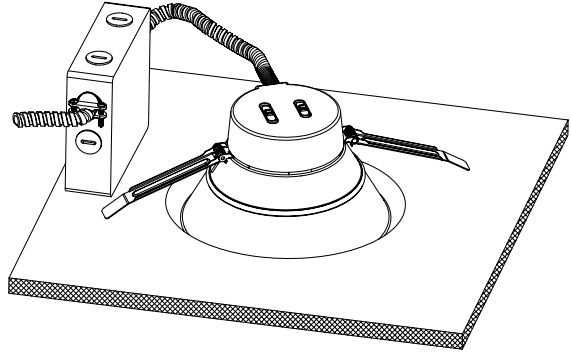


NOTE: If 0-10V dimming is NOT to be connected, it is recommended to cut off the exposed, tinned leads on the purple and pink wires, and cover the ends with a small piece of electrical tape or wire nut. If bare 0-10V control wires should accidentally touch a grounded surface, it could cause unintended flickering or dimming of the light fixture.

- 5** Install J-Box cover plate.



- 6** Lift upward on retention tabs while pushing the retrofit kit through the rough-in, release the retention tabs and push trim flush to the ceiling, ensuring a secure fit.



- 7** Turn on power and verify proper operation.

CLR Trim Installation

- 1** To install trim, align the trim with the face of the fixture and bend the tabs around the edge of the flange.

LED EXPRESS LIMITED WARRANTY

Subject to the exclusions below, each NICOR LED product, including the LED electronics and components of a property installed NICOR LED product, will be free from defect in materials and workmanship for a period of five (5) years from the original date of purchase. The product shall be considered defective only if 10% or more of the product's LED components fail. NICOR LED product warranty covers the following performance criteria: LED Light Output will be maintained above 70% of initial output; LED color temperature will not shift more than 200K in CCT; LED driver will operate within NICOR specifications; and the fixture finish, excluding natural aluminum or brass products, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Exceptions apply as defined in NICOR's product specification sheets, which are incorporated by reference herein.

This limited warranty is provided to you, the purchaser of the product identified on Seller's invoice, as your exclusive remedy and applies only to NICOR products that have been purchased from an authorized NICOR Distributor; the product was new and in an unopened NICOR package at the time of installation; and the NICOR product was installed by a licensed electrician or under the supervision of a licensed electrician and used by consumers in the United States or Canada when accompanied with this warranty. This warranty extends only to the first consumer purchaser and is not transferable. A consumer wishing to invoke the terms of this limited warranty must first obtain a RGA number within 30 days of discovery of the defect, and return the product to NICOR for inspection. Once verified to be covered by this limited warranty, NICOR will, at its sole discretion, repair, replace, or refund the purchase price of any product that does not conform to this limited warranty. If NICOR, at its sole discretion, determines that the product should be repaired or replaced, this warranty is limited to the reasonable, customary, and necessary costs and expenses associated with the repair/replacement. This warranty requires that all repair/replacement estimates and costs, including but not limited to equipment rental (if any), and any other cost or expense to be incurred in the repair/replacement of the product, be approved in advance and in writing by NICOR. FAILURE TO OBTAIN NICOR'S ADVANCE WRITTEN APPROVAL OF ALL REPAIR/REPLACEMENT COSTS AND EXPENSES IN WRITING SHALL VOID

THIS LIMITED WARRANTY. THIS LIMITED WARRANTY DOES NOT COVER THE FOLLOWING:

- Defects or damages resulting from improper installation, operation, storage, misuse or abuse, accident, or neglect;
- Defects or damages resulting from improper service, testing, adjustment, installation, maintenance, alteration, connection to out-of-specification electrical service, corrosive or damp environments, or connection to incompatible equipment or devices (e.g., connecting non-dimmable lighting products to dimmers);
- Damage which occurs in transit;
- Power surges or overheating due to external conditions
- Acts of nature including but not limited to lightning strikes

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL NICOR BE LIABLE, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCT TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.