ETLIN-DANIELS

# INSTALLATION MANUAL FOR LED COMMERCIAL DOWNLIGHT - DLCLR-M SERIES



## SAVE THESE INSTRUCTIONS - READ ALL INSTRUCTIONS CAREFULLY

## ⚠ WARNING

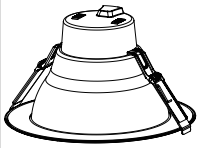
CERTIFIED SAFETY US•CA SÛRETÉ US•CA E481240 — ENERGY STAR

CAN ICES-005 (B) NMB-005 (B)

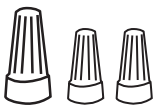
### PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION.

- This fixture must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. This product must be installed in accordance with the National Electrical Code by a person familiar with the construction and operation of the product and the hazards involved.
- WARNING: Risk of electrical shock. Disconnect power at fuse or circuit breaker before installing servicing.
- To prevent early lamp failure, lamp should only be installed in operating environments ranging between -30°C and +40°C (-22 - F and +104-F).
- No user serviceable parts inside. To avoid electrical shock do not disassemble product.
- WARNING - Risk of electric shock, LED Retro Kit installation requires knowledge of luminaires electrical systems, If not qualified, do not attempt installation. Contact qualified electrician.
- WARNING - Risk of electric shock, Install this kit only in luminaires that have the construction features and min dimensions shown in the Template and where the input rating of retro kit does not exceed the input rating of the luminaire
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals, instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- This 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 national regulations for electrical installation
- Caution - risk of fire. Consult a qualified electrician to ensure correct branch circuit conductor.
  CAN ICES-005 (B) NMB-005 (B)

### INCLUDED IN THE BOX



Downlight (1)



Wire Nuts (3)



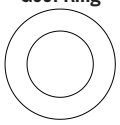

Template (3)

### TOOLS REQUIRED

This LED Recessed Kit requires very few tools for installation. A screwdriver and a pair of wire cutters will help to install

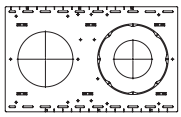
### OPTIONAL ACCESSORIES

Goof Ring



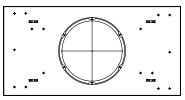
DLCLR6-M18W5C0-WH-FB
DLCLR8-M22W5C0-WH-FB

DLCLRMP-SJ



New Construction Plate for Stud / Joist

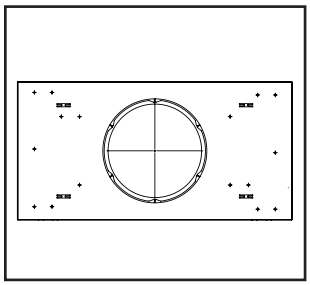
DLCLRMP-TG

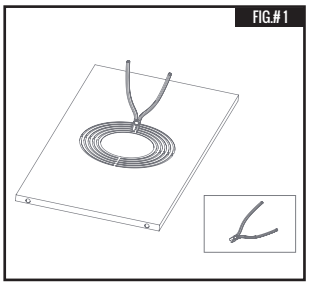


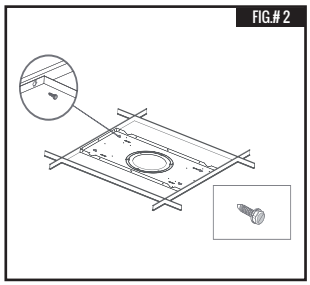
New Construction Plate for T-Grid Ceiling

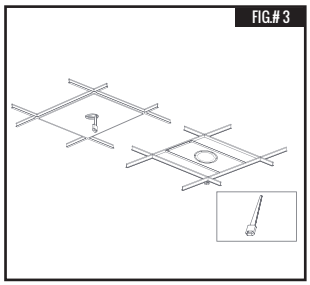
## INSTALLATION GUIDE CONSTRUCTION PLATE OPTIONS

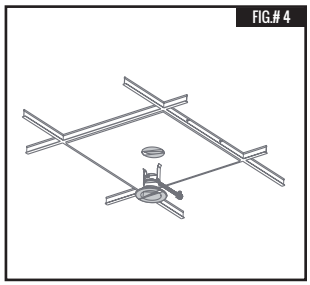
### CONSTRUCTION PLATE FOR T-GRID CEILINGS - 4" / 6" / 8" LED COMMERCIAL DOWNLIGHT






1. Use cutting tools to remove any necessary CKO parts to install the downlight (Fig. 1).
2. Position the T-Grid Plate on the T-Grid where the downlight is to be installed. Once positioned, screw plate to T-Grid through flange holes (Fig. 2).
3. Once plate is attached to T-Grid, cut a hole in the tile following the circumference of the selected CKO (Fig. 3).
4. To complete installation, follow appropriate downlight installation instructions (Fig. 4).

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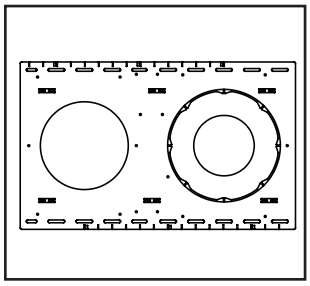
# ETLIN-DANIELS

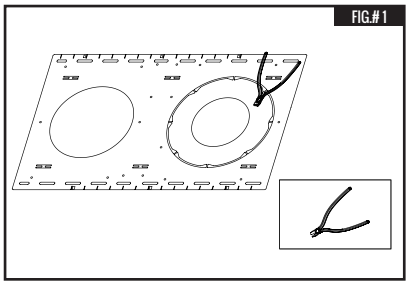
## INSTALLATION MANUAL FOR LED COMMERCIAL DOWNLIGHT - DLCLR-M SERIES

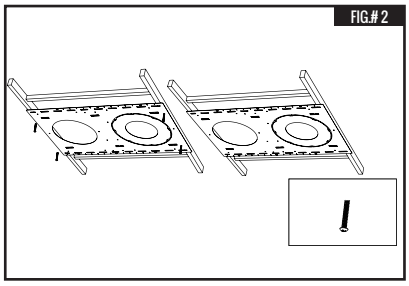


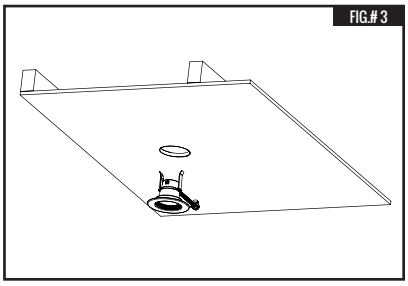
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### CONSTRUCTION PLATE FOR STUD / JOIST - 4" / 6" / 8" LED COMMERCIAL DOWNLIGHT



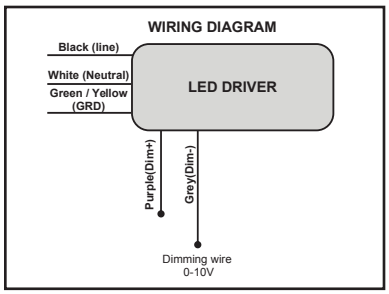


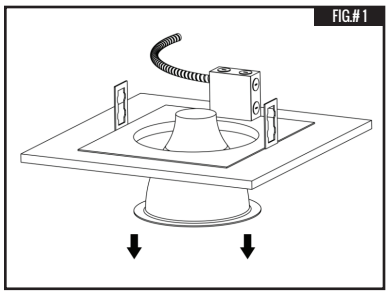



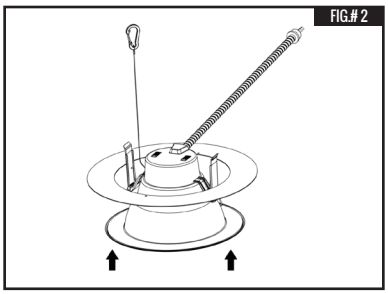



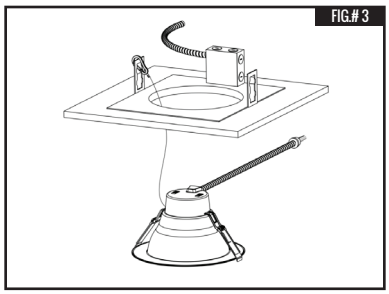

1. Use cutting tools to remove any necessary CKO parts to install the downlight (Fig. 1).
2. Stud / Joist Plate must be nailed / screwed to the ceiling studs / joists (Fig. 2).
3. If necessary, make the appropriate electrical connections.
4. To complete installation, follow appropriate downlight installation instructions (Fig. 3).

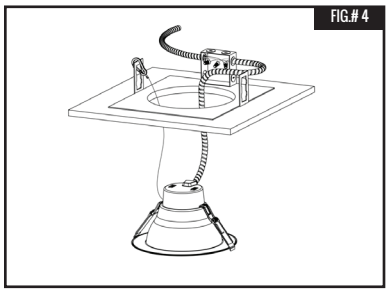
### RETROFIT INSTALLATION

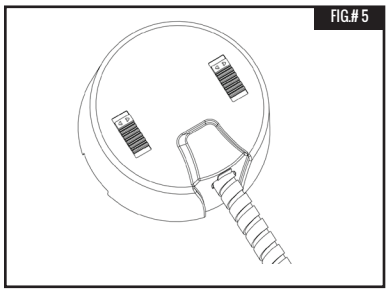


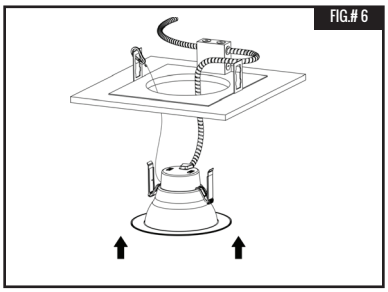



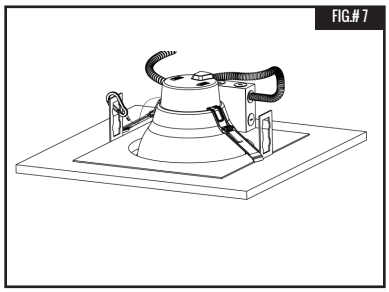




1. Make sure the power is turned off at the source to the recessed housing in which you are installing the LED Commercial Downlight.
2. If existing lamp & trim are present, remove from ceiling or move out of way as it will not be required during installation. Measure the ceiling opening to make sure the edge of the luminaire will cover the existing hole and still sit firmly in the ceiling before proceeding (Fig. 1).
3. If a Goof Ring is needed, insert the appropriate Goof Ring around the reflector (Fig. 2).
4. Attach the carabiner safety clip to the existing fixture housing (Fig. 3).
5. Remove junction box faceplate. Disconnect all wires to ballast and remove ballast from j-box. Remove appropriate round knock-out and attach the fixture conduit whip into knock-out. Connect incoming power (White to White (N), Black to Black (L), Green to Green (G). For 0-10V Dimming, connect Grey to Grey (-), Purple to Purple (+). Reattach j-box faceplate (Fig. 4).
6. Adjust the Fixture Power to desired Lumen Output by sliding the Black Selector Switch. Adjust the Color Temperature to desired level by sliding the Red Selector Switch. Make sure switches are never in between positions (Fig. 5). **Default Settings: DLCLR6-M - 18W, 4000K / DLCLR8-M - 22W, 4000K**
7. Squeeze the 2 spring clips so they are in the upright position and insert fixture into housing (Fig. 6).
8. Once fixture is inside housing, release the spring clips and continue pushing fixture until securely fixed and flush with ceiling (Fig. 7).
9. Restore power at source - installation is complete.

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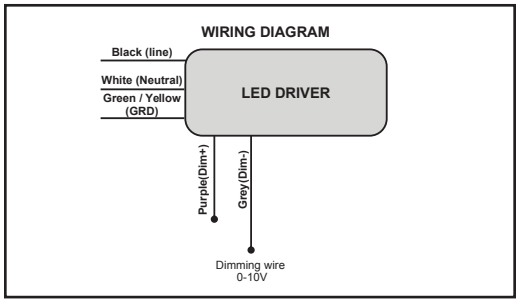
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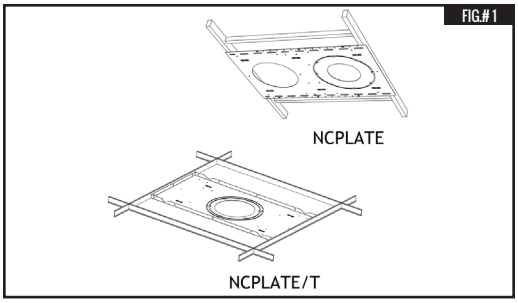
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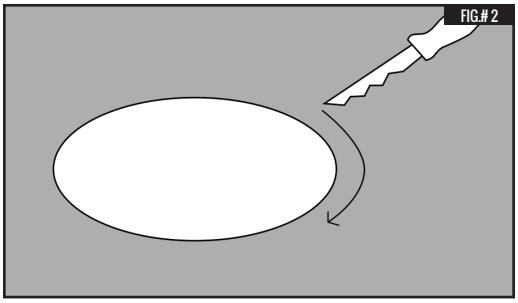


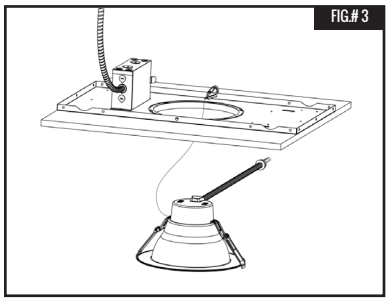
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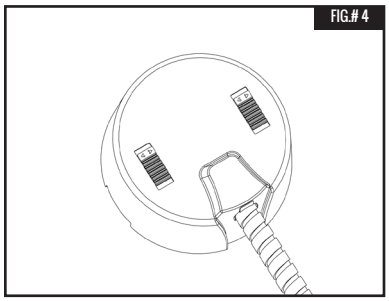
### NEW CONSTRUCTION INSTALLATION

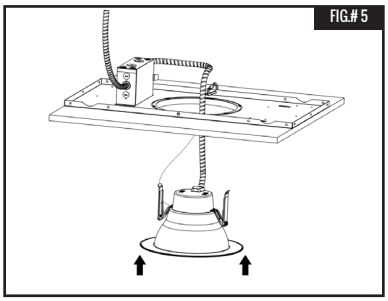


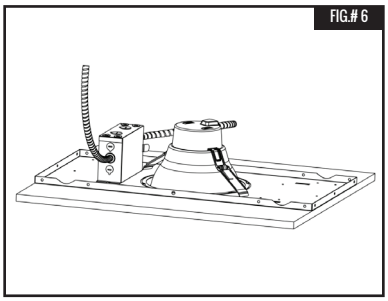




1. Make sure power is turned off at the source to the location in which you are installing the fixture.
2. If using a new Construction Plate, install it in the ceiling following its own appropriate installation instructions (Fig. 1).
3. If a new hole is required, use a hole cutter and set to diameter: 4" fixture - minimum 4" (102mm) - maximum 5.1" (130mm) // 6" fixture - minimum 6.3" (159mm) - maximum 7.5" (190mm) // 8" fixture - minimum 7.9" (200mm) - maximum 9.4" (240mm), or cut along the edge of the New Construction Plate prepared for the desired size (Fig. 2).
4. Attach the carabiner safety clip to a secure place inside the ceiling (Fig. 3).
5. Insert fixture conduit into a preinstalled j-box (not provided) and wire to power source - (White to White (N), Black to Black (L), Green to Green (G). For 0-10V Dimming, connect Grey to Grey (-), Purple to Purple (+). Close the j-box securely (fig. 5).
6. Adjust the Fixture Power to desired Lumen Output by sliding the Black Selector Switch. Adjust the Color Temperature to desired level by sliding the Red Selector Switch. Make sure switches are never in between positions (Fig. 4). **Default Settings: DLCLR6-M - 18W, 4000K / DLCLR8-M - 22W, 4000K**
7. Squeeze the 2 spring clips so they are in an upright position and insert fixture into housing (Fig. 5).
8. Once the fixture is inside the housing, release the spring clips and continue to push fixture until securely fixed and flush with ceiling (Fig. 6).
9. Restore power at source - installation is complete.

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