



DL60 / DLA60 / DL75

INSTALLATION INSTRUCTIONS

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DL60 / DLA60 / DL75

OPEN & CLOSED HOUSING INSTALLATION INSTRUCTIONS



PRODUCT INFORMATION

The following installation instructions apply to Lumenture's DL60, DLA60, and DL75 downlights with Closed (C) Housing and Lumenture's DL60 and DL75 with Open (N) Housing.

IMPORTANT SAFETY INSTRUCTIONS

Read all the instructions before installation. Save instructions for later use.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. THE POWER UNIT SHOULD BE INSTALLED WHERE IT WILL **NOT** BE SUBJECTED TO ANY MOVEMENT. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

- Make certain power is OFF before installing or maintaining fixture.
- Suitable for installation only in accessible ceilings. Access above the ceiling is required.
- Do not install insulation within 3in (76mm) of any part of the Luminaire.
- Installing contrary to instructions may cause unsafe conditions.
- **WARNING:** Risk of fire or electrical shock.
- **WARNING:** Suitable for dry or damp locations only.

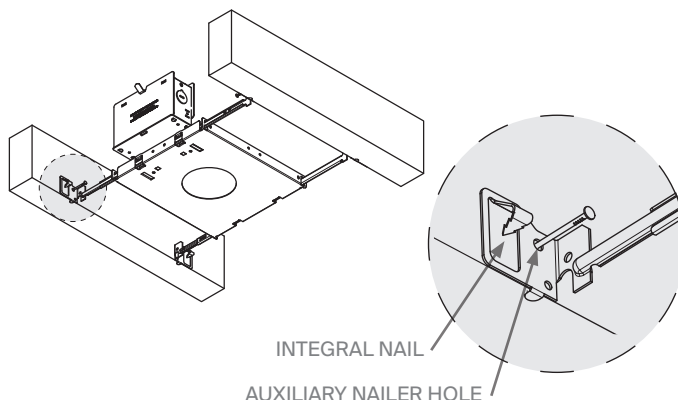
DL60 / DLA60 / DL75 OPEN & CLOSED HOUSING INSTALLATION INSTRUCTIONS

STEP 1

Install Housing.

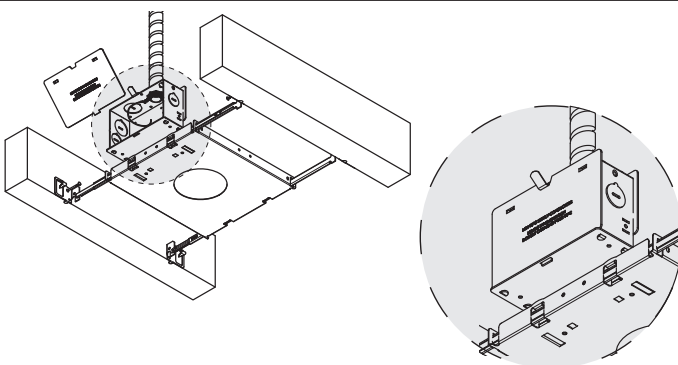
Using the supplied hanger bars, secure the housing to the joists by hammering in the built-in toothed integral nail.

NOTE: Auxiliary nailing holes are provided for additional retention.



STEP 2

1. Remove outer junction box cover.
2. Remove knockout and install BX-Cable.
3. Connect the power supply to branch circuit accordingly. Leave a 3-5 inch service loop on the power feed Line, Common and Ground wires. This will allow the inner J Box cover and power supply to be pulled through the ceiling cutout for power supply replacement. If 0-10V dimming is used, also leave a 3-5 inch service loop in the 0-10V control wires. (See wiring instructions below).
4. Re-install junction box cover.



WIRING

1. Connect GROUND wire from fixture to supply ground.
2. Connect black fixture lead to (+) LINE supply lead.
3. Connect white fixture lead to (-) COMMON supply lead. For 0-10V dimming, follow wiring directions in Fig. 2.

NOTE: Driver permits operation at 120V through 277V, 50Hz or 60Hz. For non-dimming, Triac and Electronic Low Voltage (ELV) dimming, follow wiring directions for Fig. 1.

FIG. 1

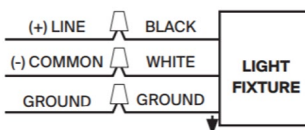
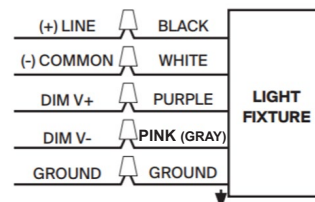
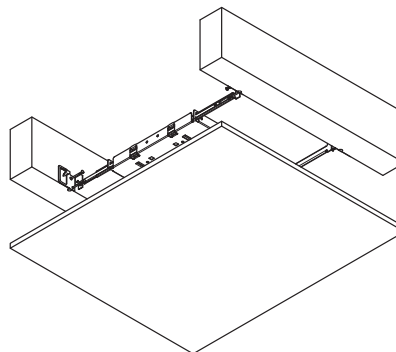


FIG. 2



STEP 3

Raise and install ceiling. Mark aperture center.



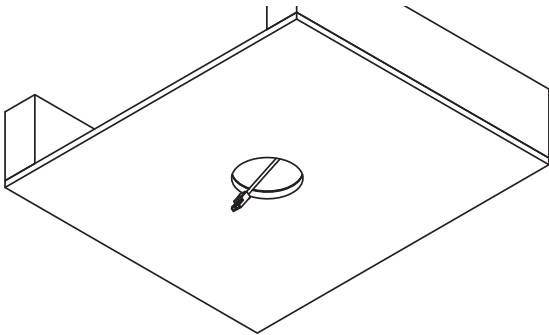
DL60 / DLA60 / DL75 OPEN & CLOSED HOUSING INSTALLATION INSTRUCTIONS

STEP 4

1. Make ceiling cutout at the previously marked location using the dimensions in the chart below.

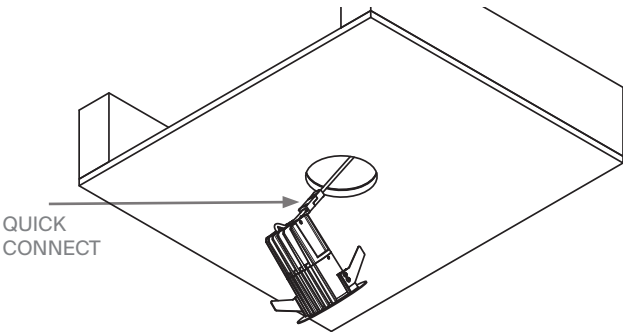
	DL60	DLA60	DL75
Round	3⅝"	3⅝"	3⅝"
Square	3"	3⅝"	3⅝"

2. Pull output wiring through the aperture.



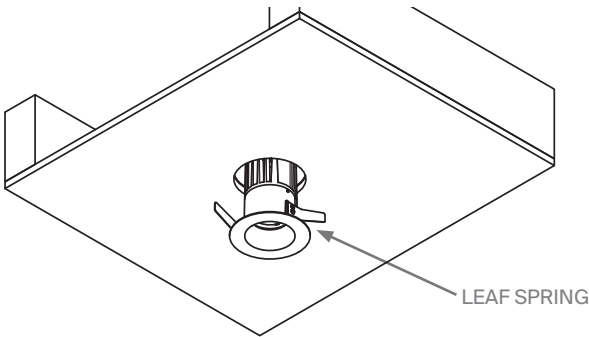
STEP 5

Connect module to the driver output quick connect.



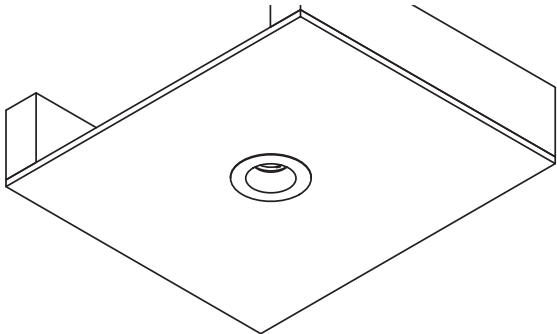
STEP 6

Compress leaf springs to insert module into ceiling cutout. Twist module clockwise to help further engage the springs above the ceiling plane.



STEP 7

Hooray! Power can be restored. Enjoy your new lights!





DL60 / DLA60 / DL75

PAN HOUSING INSTALLATION INSTRUCTIONS



PRODUCT INFORMATION

The following installation instructions apply to Lumenture's DL60, DLA60, and DL75 downlights with Pan (P) Housing.

IMPORTANT SAFETY INSTRUCTIONS

Read all the instructions before installation. Save instructions for later use.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. THE POWER UNIT SHOULD BE INSTALLED WHERE IT WILL **NOT** BE SUBJECTED TO ANY MOVEMENT. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

- Make certain power is OFF before installing or maintaining fixture.
- Suitable for installation only in accessible ceilings. Access above the ceiling is required.
- Do not install insulation within 3in (76mm) of any part of the Luminaire.
- Installing contrary to instructions may cause unsafe conditions.
- **WARNING:** Risk of fire or electrical shock.
- **WARNING:** Suitable for dry or damp locations only.

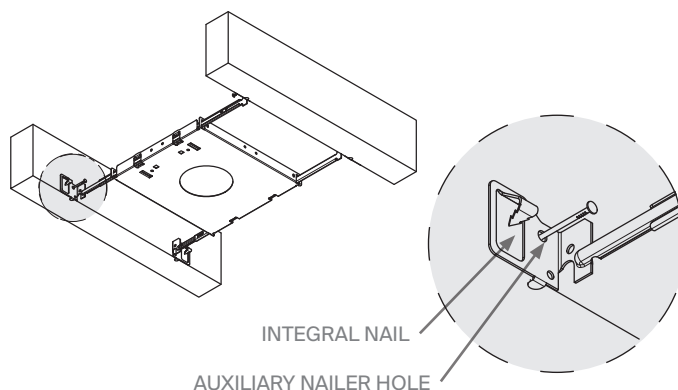
DL60 / DLA60 / DL75 PAN HOUSING INSTALLATION INSTRUCTIONS

STEP 1

Install mounting pan.

Using the supplied hanger bars, secure the mounting pan to the joists by hammering in the built-in toothed integral nail.

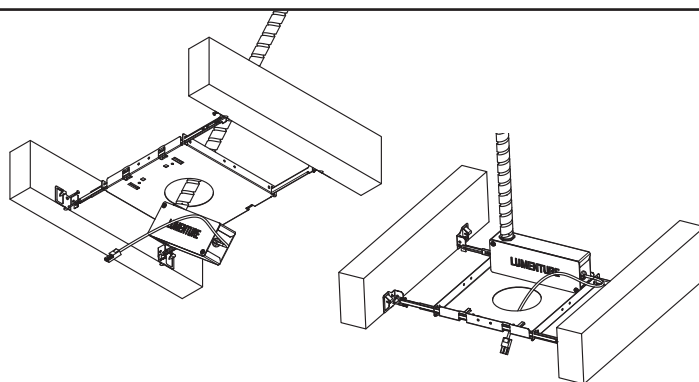
NOTE: Auxiliary nailing holes are provided for additional retention.



STEP 2

1. Remove junction box lid screws.
2. Make conduit connection and connect the power supply to branch circuit (wiring instructions on pg. 2).
3. Place onto the mounting pan through the aperture.

NOTE: The output wiring should be accessible from below the ceiling plane (through aperture) once the ceiling is installed.



WIRING

1. Connect GROUND wire from fixture to supply ground.
2. Connect black fixture lead to (+) LINE supply lead.
3. Connect white fixture lead to (-) COMMON supply lead.

For 0-10V dimming, follow wiring directions in Fig. 2.

NOTE: Driver permits operation at 120V through 277V, 50Hz or 60Hz. For non-dimming, Triac and Electronic Low Voltage (ELV) dimming, follow wiring directions for Fig. 1.

FIG. 1

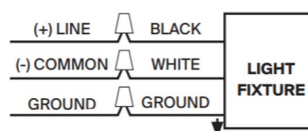
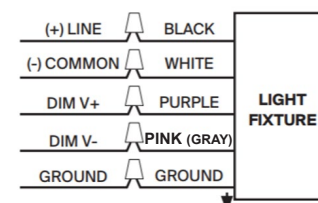
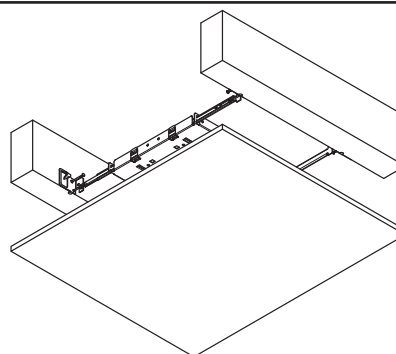


FIG. 2



STEP 3

Raise and install ceiling. Mark aperture center.



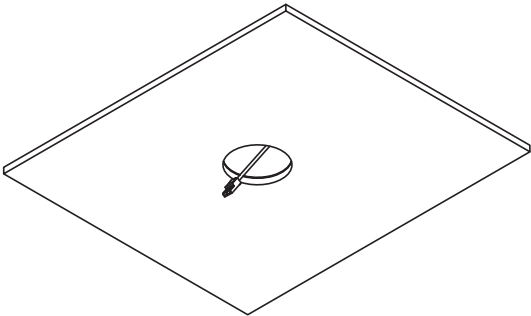
DL60 / DLA60 / DL75 PAN HOUSING INSTALLATION INSTRUCTIONS

STEP 4

1. Make ceiling cutout at the previously marked location using the dimensions in the chart below.

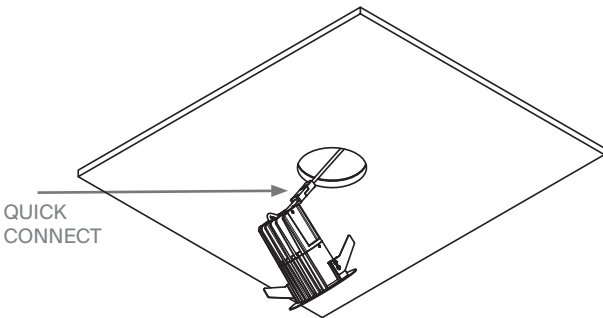
	DL60	DLA60	DL75
Round	3 ³ / ₈ "	3 ³ / ₈ "	3 ³ / ₈ "
Square	3"	3 ³ / ₈ "	3 ³ / ₈ "

2. Pull output wiring through the aperture.



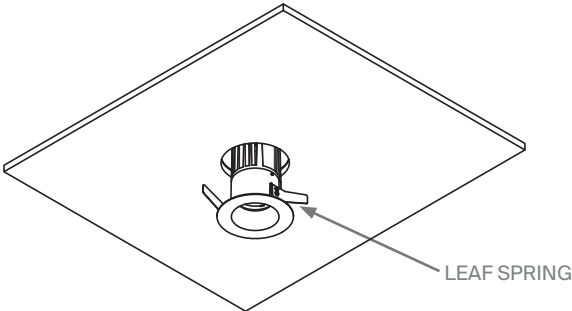
STEP 5

Connect module to the driver output quick connect.



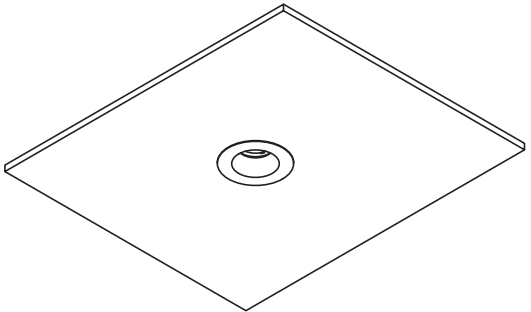
STEP 6

Compress leaf springs to insert module into ceiling cutout. Twist module clockwise to help further engage the springs above the ceiling plane.



STEP 7

Hooray! Power can be restored. Enjoy your new lights!





DL60 / DLA60 / DL75

RETROFIT INSTALLATION INSTRUCTIONS



PRODUCT INFORMATION

The following installation instructions apply to Lumenture's DL60, DLA60, and DL75 downlights in a Retrofit (R) non-IC-rated installation.

IMPORTANT SAFETY INSTRUCTIONS

Read all the instructions before installation. Save instructions for later use.

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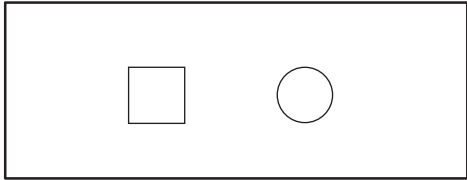
- Make certain power is OFF before installing or maintaining fixture.
- Suitable for installation only in accessible ceilings. Access above the ceiling is required.
- Do not install insulation within 3in (76mm) of any part of the Luminaire.
- Installing contrary to instructions may cause unsafe conditions.
- **WARNING:** Risk of fire or electrical shock.
- **WARNING:** Suitable for dry or damp locations only.

DL60 / DLA60 / DL75 RETROFIT INSTALLATION INSTRUCTIONS

STEP 1

Make ceiling cutout using the dimensions below.

	DL60	DLA60	DL75
Round	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "
Square	3"	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "

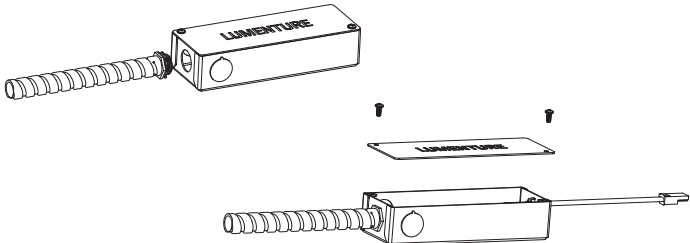


STEP 2

Run wires to the Junction Box by pulling the pre-existing wiring through the ceiling cutout. Connect to the junction box using the $\frac{1}{2}$ " knockout.

NOTE: Lid screws must be removed to access internal wiring.

NOTE: Wiring instructions to follow on pg. 2.



WIRING

1. Connect GROUND wire from fixture to supply ground.
2. Connect black fixture lead to (+) LINE supply lead.
3. Connect white fixture lead to (-) COMMON supply lead.

For 0-10V dimming, follow wiring directions in Fig. 2.

NOTE: Driver permits operation at 120V through 277V, 50Hz or 60Hz. For non-dimming, Triac and Electronic Low Voltage (ELV) dimming, follow wiring directions for Fig. 1.

FIG. 1

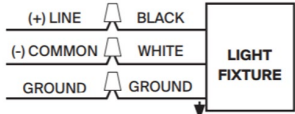
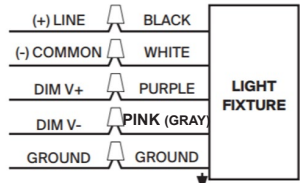


FIG. 2

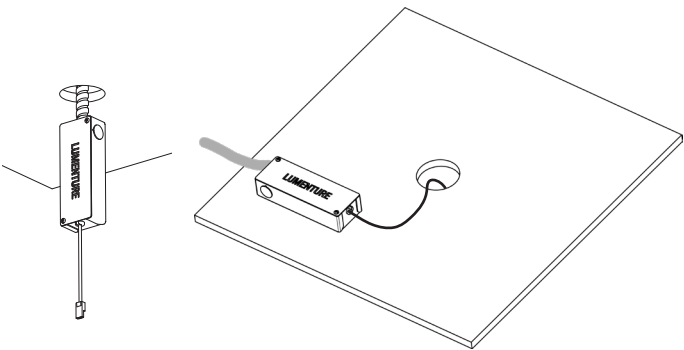


STEP 3

1. Close Junction Box.
2. Replace screws.
3. Insert Junction Box into the ceiling cutout while leaving junction box output wiring accessible from below the ceiling.

NOTE: Ensure that installation complies with the local and national codes. If necessary, mount to nearby joist using self-tapping screws inside of the junction box away from the wiring.

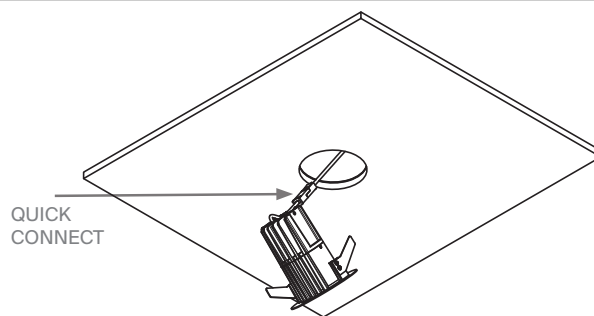
NOTE: Junction box should be installed where it will NOT be subjected to any movement.



DL60 / DLA60 / DL75 RETROFIT INSTALLATION INSTRUCTIONS

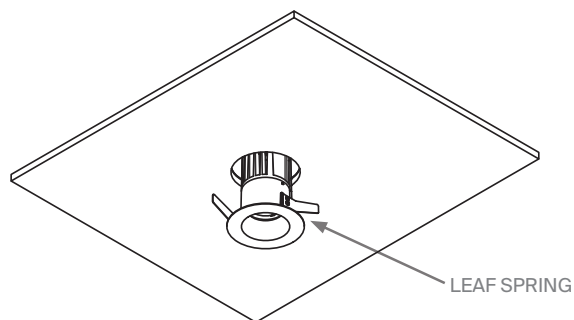
STEP 4

Connect fixture to junction box using the quick connects.



STEP 5

Compress retention springs to insert module into the ceiling cutout. Twist module clockwise to further engage the springs above the ceiling plane.



STEP 6

Hooray! Power can be restored. Enjoy your new lights!

