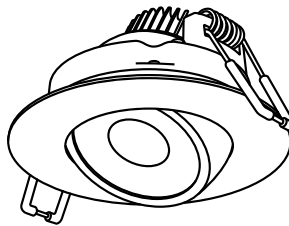


# LED Adjustable Downlight

## 2", 3" and 4" Series

CIRG20, CIRG30, CIRG40



**IMPORTANT:** Read all instructions before installing fixtures. Keep for future reference.

**SAFETY:** For your safety, this fixture must be wired in accordance to local electrical codes and ordinances. All work should be done by a qualified electrician.

**WARNING:** Shut OFF electrical supply at source before starting installation or attempting any maintenance. Indoor installation only.

**TOOLS REQUIRED:**

- Saw
- Measuring tape
- Electrical Wiring (use type and gauge suitable for application to connect the fixtures)

### PRE-INSTALLATION

1. Shut OFF electrical supply at source before starting installation.
2. Locate a suitable position to place the fixture and cut a hole in accordance with the hole size of the chosen product.
  - CIRG20:  $\varnothing$  2-1/8" (54 mm)
  - CIRG30:  $\varnothing$  2-3/4" (70 mm)
  - CIRG40:  $\varnothing$  4-1/4" (108 mm)
3. Pass the wire from the switch (electrical supply) through the hole cut, use NMD90 Romex or BX.

### DRIVER WIRING

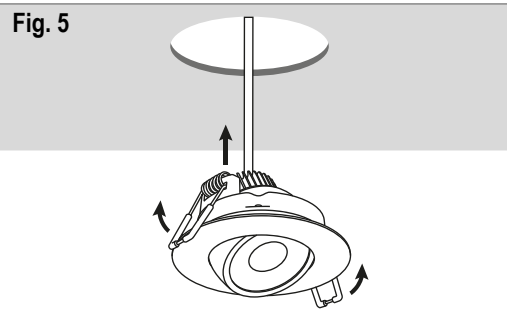
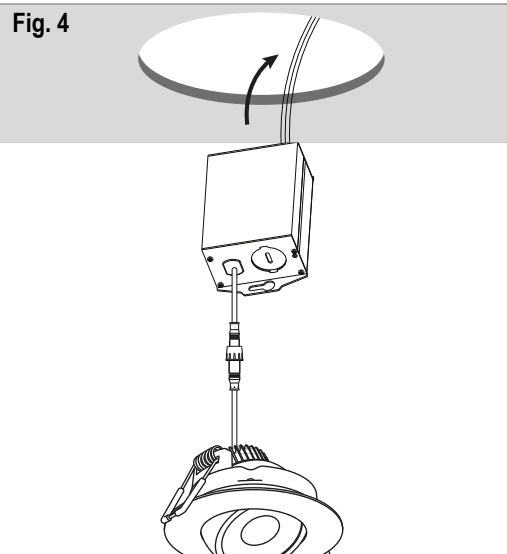
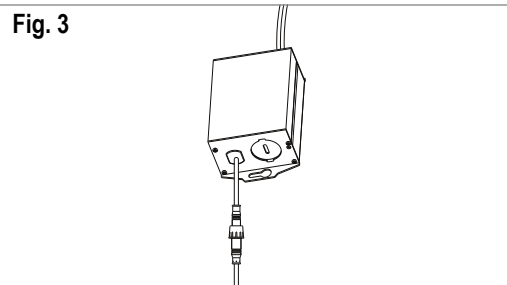
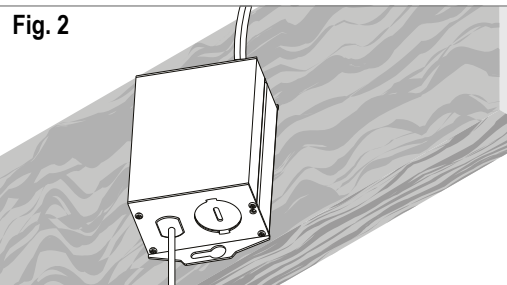
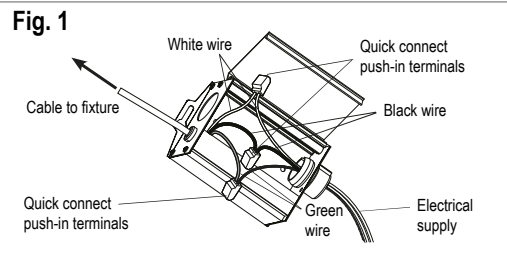
1. Open the junction box cover and remove the appropriate knockout(s).
2. Insert the electrical supply cable through the knockout and secure with a cable connector (sold separately).
3. Connect the wires as follow: ground wire/green, white/white and black/black (see Fig.1).
4. Place all wiring and connections back in the junction box and close the cover (see Fig. 2).

### FIXTURE INSTALLATION

1. Connect the fixture to the junction box by coupling the male/female connector and screwing the locking nut (see Fig. 3).
2. Insert junction box through the hole cut (see Fig. 4).
3. Push the spring loaded clips in vertical position and insert the fixture in the mounting hole. Release the clips and the fixture will be pulled flush to the ceiling (see Fig.5).
4. Turn on the power to test the fixture.

### COMPATIBLE DIMMERS

Brand	Series	Model
Lutron	Ariadni	AYCL-153P
	Diva	DVCL-153P
	Diva	DVELV-300P
	Maestro	MACL-153MH
	Maestro Wireless	MRF2-6CL
	Nova T	NTELV-300P
	Skylark	SELV-300P
	Skylark Contour	CTCL-153P
	Toggler	TGCL-153P
Leviton	Sureslide Decora	6674
	ILLUMATECH	IPL06
LeGrand	Adorne	ADTP703TU
	Harmony	H703PTW
Cooper	Aspire	9540
	Devine	DAL06P



**NOTE:** The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Contrast recommends to use dimmers designed to work with LED fixtures. Older dimmers designed for incandescent lamps may cause erratic operation. Do not mix fixtures of different wattages or types on the same dimming circuit. Some dimmers may require more than one fixture for stable operation. The maximum number of fixtures is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the load type. Again, refer to the dimmer installation instructions. For example, if the dimmer rating is 150W with LED, a user may use up to fifteen (15) 10W fixtures. Contrast's laboratory tests each dimmer with a number of fixtures from one (1) to ten (10) but operation with more than ten (10) fixtures could be possible. Specifications are subject to change without notice.

**NOTE:** Contrast Lighting cannot be held responsible of any compatibility problems between dimmers and Contrast Lighting fixture