CDR4/6/8 Series

Installation Instructions

IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- The National Electrical Code NEC® does not permit cords to be concealed where damage to the cord's insulation may go unnoticed. To prevent fire damage, do not run cord behind walls, ceilings, soffits or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.
- To reduce the risk of fire, electric shock or injury to persons, do not make or alter any open holes in a wiring enclosure or in any electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. There are no serviceable parts inside the fixture.
- Do not mount near gas or electrical heaters.
- Do not alter driver junction box in any manner.
- Suitable for Wet Locations.
- Type IC Rated. Suitable for contact with insulation.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
- **CAUTION:** Do not substitute any parts, leave parts out or use parts that are worn out or broken. Failure to obey these instructions could invalidate the ETL certification.

SAVE THESE INSTRUCTIONS!

Technical Support ■ (623) 580-8943 ■ technicalsupport@barronltg.com

CDR4/6/8 Series

Installation Instructions

BARRON TRACE LITE commercial & industrial lighting

Preparation

Before beginning assembly, installation or operation of product, make sure that all parts are present. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.

Tools required for assembly (not included): Ladder, safety glasses and drywall saw. Estimated assembly time: 15-20 minutes per fixture.

Ceiling Mount Installation

1. Turn off the power before installation. Remove the existing fixture if applicable. Determine the location and necessary hole cutout diameter using the supplied table and cut the ceiling hole with the listed approximate diameter. (Fig. 1)

2. Choose desired CCT & Wattage by adjusting the switch. (Fig. 2)

3. Attach the carabiner safety clip to the existing fixture housing. (Fig. 3)

4. Connect AC and dimming supply cables inside the hardwire junction box (not included) by using five (5) wire nuts. (Fig. 4) See **Electrical Connections** section below.

5. Push the spring-loaded clips upwards and insert the base into the mounting hole. Release the clips and the fixture will grip flush with the ceiling / drywall. (Fig. 5)

6. Turn on the power to confirm the fixture is working properly. (Fig. 6)

Electrical Connections

All electrical connections should be made inside the junction box. Make electrical connections as follows:

120-277VAC

Black - 120-277VAC
White - Common
Green - Ground

If dimming is used:
Purple - Positive (+)
Pink - Negative(-)

Note: Cap unused leads to prevent shorting.

Dimming Information

This recessed downlight is suitable for use in dimming circuits. For 100% to 10% light control, use with an LED-compatible dimmer.

LUTRON: RMJS-8T, Diva DVSTV, MS-Z101-WH, DVSTV-WH

LEGRAND: RH4FBL3PW

Fig. 1

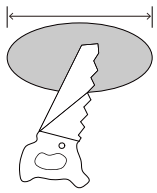

Fig. 2

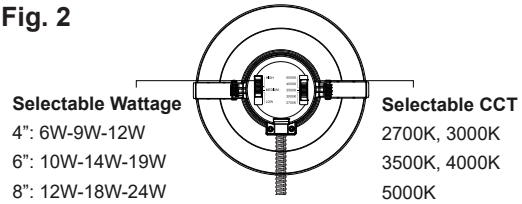

Fig. 3

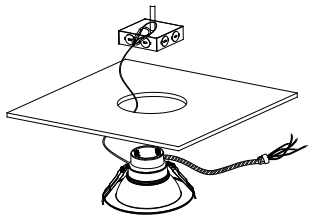

Fig. 4

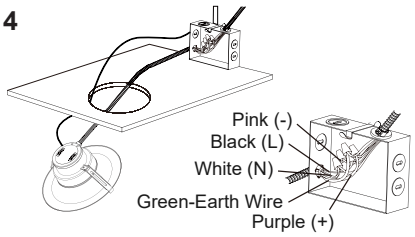

Fig. 5

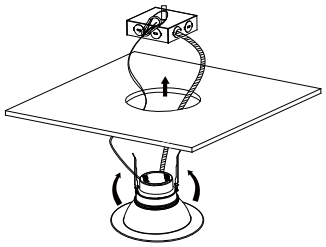

Fig. 6