Commercial Downlight Installation Instructions

For Product Numbers: CDL-xx-LS-CS-xx-DDV

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WARNINGS:

- **Risk of electrical 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 ranging between -20°C and 40°C (-4°F and 104°F).**
- **No user-serviceable parts inside. To avoid electrical shock, do not disassemble product.**
- **Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.**
- **Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and minimum dimensions shown in these instructions and where the input rating of the retrofit 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**
- **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.**
- **The 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 or national regulations for electrical installations.**
- **This device is not intended for use with emergency exits.**
- **Caution - risk of fire. Consult a qualified electrician to ensure correct branch circuit conductor.**
- **Minimum 90°C supply conductors**
- **Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.**

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.

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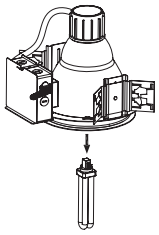
Commercial Downlight Installation Instructions

INSTALLATION WITH EXISTING FRAME

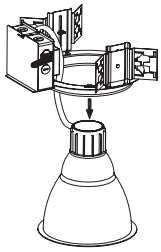
1. Shut power OFF to the fixture.
2. Remove CFL, Incandescent or HID lamp. *(Fig.1)*

Fig: 1



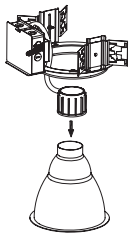
3. Remove reflector from rough-in (mounting frame). *(Fig.2)*

Fig: 2



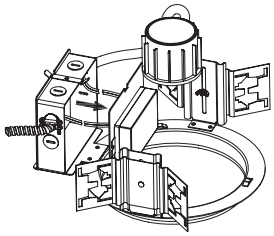
4. Remove socket assembly from reflector. *(Fig.3)*

Fig: 3



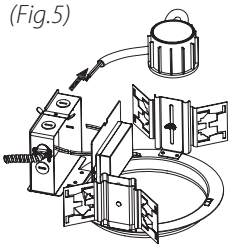
5. Remove junction box metal plate with existing lamp ballast. Do not dispose. Disconnect all wires from the ballast. *(Fig.4)*

Fig: 4



6. Remove the existing lamp metal conduit (MC) cable from the junction box. *(Fig.5)*

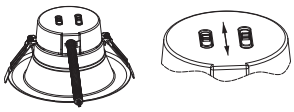
Fig: 5



INSTALLATION WITH EXISTING FRAME *(cont'd)*

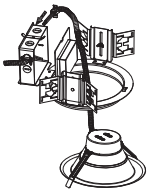
7. Select desired lumen and CCT level using switch on driver box. *(Fig.6)*

Fig: 6



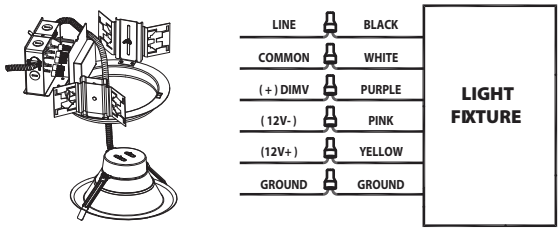
8. Fasten the downlight MC cable to the junction box. *(Fig.7)*

Fig: 7



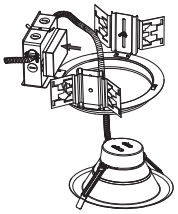
9. Wire the fixture using UL listed wire connectors according to NEC and local codes. *(Fig.8)*

Fig: 8



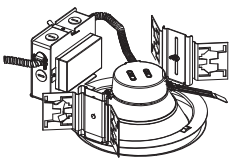
10. Install the junction box cover plate. *(Fig.9)*

Fig: 9



11. Install the downlight in the rough-in by lifting upward both retention tabs. Push the downlight until the trim sits flush against the ceiling. *(Fig.10)*

Fig: 10



12. Turn power ON.

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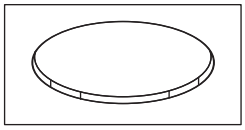
Commercial Downlight Installation Instructions

INSTALLATION WITHOUT EXISTING FRAME

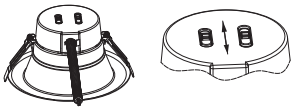
1. Use the template included in the box to cut a hole in the ceiling. *(Fig.11)*

Fig: 11



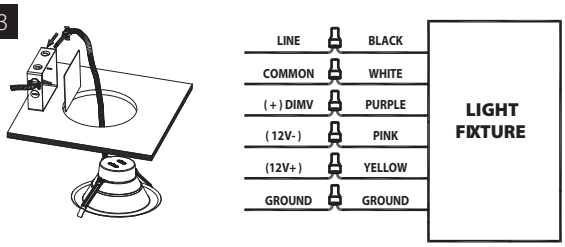
2. Select desired lumen and CCT level using switch on driver box. *(Fig.12)*

Fig: 12



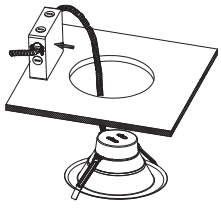
3. Shut power OFF to the fixture. Fasten the downlight MC cable to a junction box with MC connector. Wire the fixture using UL listed wire connectors according to NEC and local codes. *(Fig.13)*

Fig: 13



4. Install junction box cover plate. *(Fig.14)*

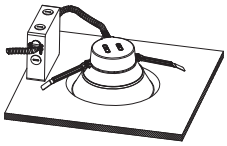
Fig: 14



INSTALLATION WITHOUT EXISTING FRAME *(cont'd)*

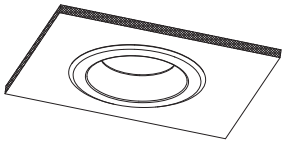
5. Install the downlight by lifting both retention tabs upward. *(Fig.15)*

Fig: 15



6. Push the downlight until the trim sits flush against the ceiling. *(Fig.16)*

Fig: 16



Warranty Information:
This product is warranted for 5 years from the date of purchase. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded. Visit www.halcolighting.com for full warranty details and compatibility information.

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