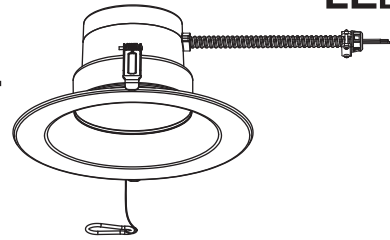


CDL™ Series

Commercial Downlight

Includes: CDL-4LE, CDL-6LE, CDL-8LE, CDL-10LE

aleo™
LED LIGHTING



INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

For your safety, thoroughly read these instructions and warnings in its entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact Aleo Lighting customer service.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY

To avoid risk of electrical shock, turn off power before inspection, installing or servicing.

Verify that supply voltage is correct by comparing with the input voltage on the luminaire label.

Make all electrical and ground connections in accordance with NEC and any applicable code requirements.

WARNING

RISK OF PERSONAL INJURY

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

WARNING

This luminaire is made for permanent installation in ordinary (non-hazardous) locations in accordance with NEC code and all applicable local and federal codes. Do not use in applications with limited ventilation or high ambient temperature enclosures.

TURN OFF POWER BEFORE INSTALLING

Electrical Connection

1. Connect BLACK (line) driver lead to voltage supply Line position (HOT).
2. Connect driver WHITE lead to the NEUTRAL supply position.
3. Connect the GREEN ground lead to the supply ground lead.

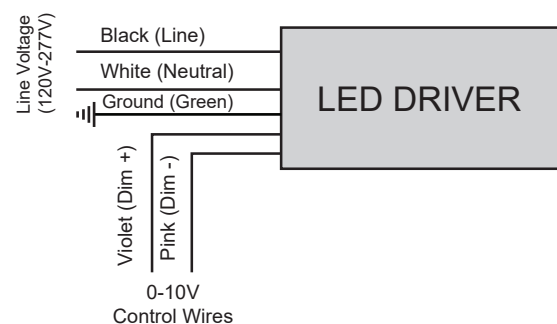
If using 0-10V dimming:

4. Connect VIOLET lead to supply POSITIVE dimming lead.
5. Connect PINK lead to the supply NEGATIVE dimming lead.

If NOT using 0-10V dimming:

6. Ensure VIOLET and PINK 0-10V dimming leads are properly capped.

Wiring Diagram



Contents to change without notice. Visit www.aleolighting.com for warranty and specification information.

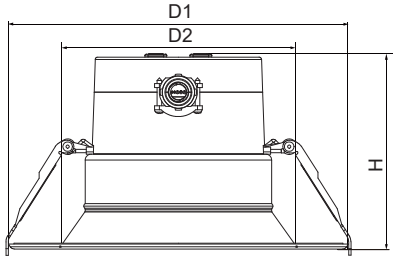
CDL-G2_Install_Guide_Rev01

CDL™ Series Commercial Downlight

TO INSTALL:

To Find Compatible Dimmers, Please go to https://www.aleoighting.com/cdl_dimmers

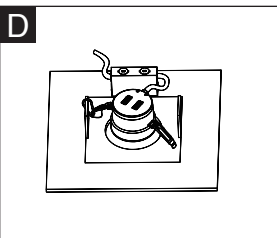
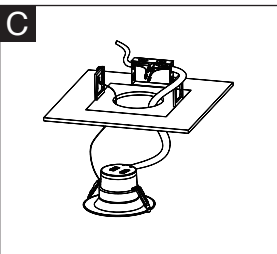
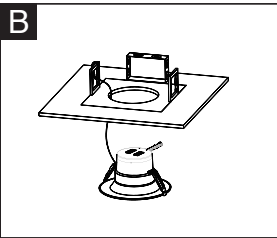
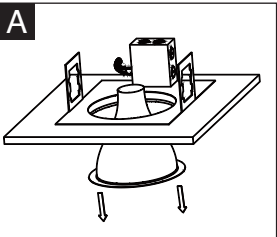
Model No.	Size	D1	D2	H	Cut-out	
					Min.	Max.
CDL-4LE-UX/9CT G2	4"	6"	4-3/4"	4-3/16"	ø6-1/8"	ø7-3/16"
CDL-6LE-UX/9CT G2	6"	8-7/16"	5-7/8"	4-13/16"	ø7-9/16"	ø8-11/16"
CDL-8LE-UX/9CT G2	8"	10-1/16"	7-3/8"	5"	ø7-9/16"	ø8-11/16"
CDL-10LE-UX/9CT G2	10"	11-3/8"	8-11/16"	5-1/2"	ø8-7/8"	ø10"



Field Adjustable Lumen and CCT



Model	Adjustable Wattage			Adjustable Color Temp				
	Low	Med	High					
CDL-4LE-UX/9CT G2	5W	8W	12W	2700K	3000K	3500K	4000K	5000K
CDL-6LE-UX/9CT G2	7W	10W	15W					
CDL-8LE-UX/9CT G2	10W	20W	25W					
CDL-10LE-UX/9CT G2	20W	25W	36W					



A RETROFIT INSTALLATION

INSTALLATION STEPS:

1. Make sure to TURN OFF POWER to the lighting system.
2. Remove existing lamp and reflector. If existing trim or can are present, remove from the ceiling or move it out of the way. Make sure to retain existing rough-in kit components. (Figure A)
3. Measure the ceiling opening and ensure the edge of the downlight retrofit will cover the entire hole and sit firmly in the ceiling.
4. Attach the carabiner safety lanyard to the existing fixture housing. (Figure B)
5. Remove the junction box faceplate. Disconnect wiring to existing ballast. Remove appropriate knock out on junction box. Insert the downlight retrofit conduit into the knock out hole. (Figure C)
6. Connect incoming AC mains power to fixture input leads. SEE PAGE 1 for Electrical Connection and wiring diagram instructions. (The grounding of the overall system shall be done in accordance with NEC and local codes). Cover the junction box.
7. Adjust the fixture power to desired lumen output by sliding the switch on the back of the downlight. Adjust the color temperature (CCT) to desired selection by sliding switch. Make sure the switch is never in between positions.
8. Bend the (2) spring clips upward so they are in an upright and insert downlight into hole in the ceiling / housing.
9. Once downlight is inside the ceiling and housing, release the spring clips and push the fixture up into the ceiling until securely fixed and flush with the ceiling (rotating the downlight may be necessary to properly engage the spring clips and ensure a secure fit). (Figure D)

Contents to change without notice. Visit www.aleoighting.com for warranty and specification information.
CDL-G2_Install_Guide_Rev01

To Find Compatible Dimmers, Please go to https://www.aeolighting.com/cdl_dimmers

B NEW CONSTRUCTION INSTALLATION

INSTALLATION STEPS:

1. Make sure to TURN OFF POWER to the lighting system.
2. If using a new construction plate, install it in the ceiling first.
3. If a new hole is needed, cut hole according to downlight cut-out dimension per model number.
4. Attach the carabiner safety lanyard to secure place inside the ceiling. (Figure E)
5. Insert downlight conduit whip into a pre-installed junction box (supplied by others) knock out hole. (Figure F)
6. Connect incoming AC mains power to fixture input leads. SEE PAGE 1 for Electrical Connection and wiring diagram instructions. (The grounding of the overall system shall be done in accordance with NEC and local codes). Cover the junction box.
7. Adjust the fixture power to desired lumen output by sliding the switch on the back of the downlight. Adjust the color temperature (CCT) to desired selection by sliding switch. Make sure the switch is never in between positions.
8. Bend the (2) spring clips upward so they are in an upright and insert downlight into hole in the ceiling / housing. (Figure F)
9. Once downlight is inside the ceiling and housing, release the spring clips and push the fixture up into the ceiling until securely fixed and flush with the ceiling (rotating the downlight may be necessary to properly engage the spring clips and ensure a secure fit). (Figure H)

