

CV5 Installation Guide

General Notes

- Luminaire to be installed by a qualified electrician and in accordance with NEC and local codes
- Do not install on or nearby combustible materials
- Fixture is ETL listed “Damp Rated”

Fixture Description

The CV5 (formally ALX8) is a high performance, low profile, asymmetric cove luminaire with precision optics allowing illumination of flat surfaces from an edge. It is traditionally used as a cove fixture producing a smooth gradient of illumination as far as 8-10' out. Fixtures are ordered in single sections up to 12' long and can be continuous by using internal joiners. Patterns or rectangular coffers are made up of straight sections of the closest length and whipped in the corners. 0-10v dimming standard.

Construction Details

Housing	Extruded Aluminum housing with snap on wireway cover
Reflector	Specular reflector on floor of fixture redirects illumination to peak zone
Lens	Extruded snap on DR Acrylic lens had white frosted finish for smooth distribution
LED Boards	Standard LEDs 60,000hours (L70), high uniformity 90CRI, 2700K to 4000K Special LEDs include Static Colors, RGB, RGBW, Tunable White and Dim to Off.
LED Drivers	Standard drivers are 120/277v (347v optional) and feature 0-10v control. They are programmed Low, Medium, High or a specific performance level Special driver control features include Dali, Lutron, 2-wire/Triac and others
Endcaps / Joiners	Endcaps with 1/2" Ko's are standard on both ends. Continuous runs feature an internal joiner and are pre-wired with line and control wires.
Finish	Satin Anodized or Polyester white paint is standard. Powdercoat optional
Fixture Lengths	Single sections up to 12'. Internal joiner plate connects longer / continuous runs / custom patterns

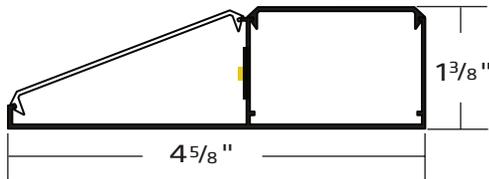
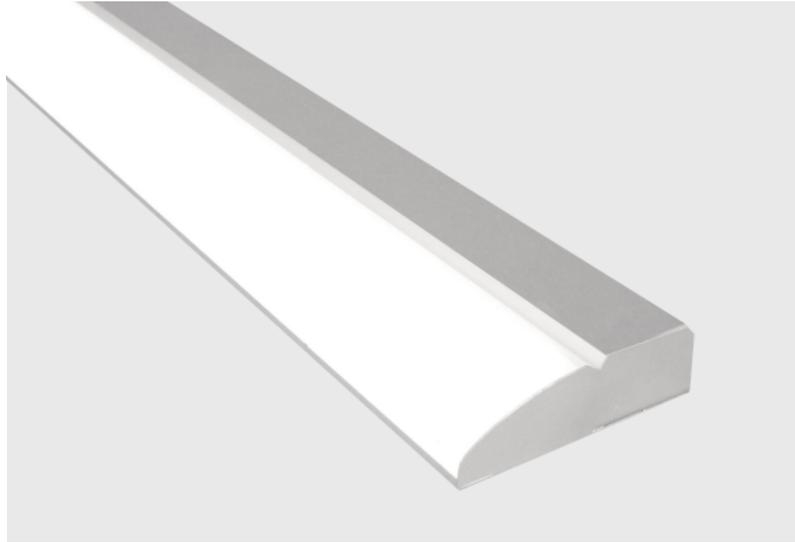
Fixture Organization and Prep

All CV5 fixtures are shipped marked by type and fixture length. Long runs are made up, labeled and packaged for easy section organization and will be pre-wired with both line and control wires. They include end caps with K/O's and internal joiner plates for continuous runs.

See Next Page For More Product Details

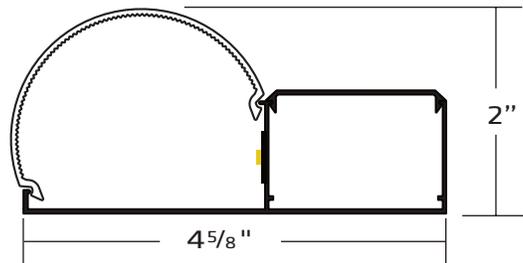
COVE 5 (CV5) SERIES

INSTALLATION GUIDE



CV5-FL

COVE 5 FLAT LENS



CV5-RL

COVE 5 ROUND LENS

Tools Required:

Wire stripper, flat screw driver and philips screw driver other tools may also be required.
(Mounting screws, wire nuts and any other type of hardware required by others)



See Next Page For Installation Steps

COVE 5 (CV5) SERIES

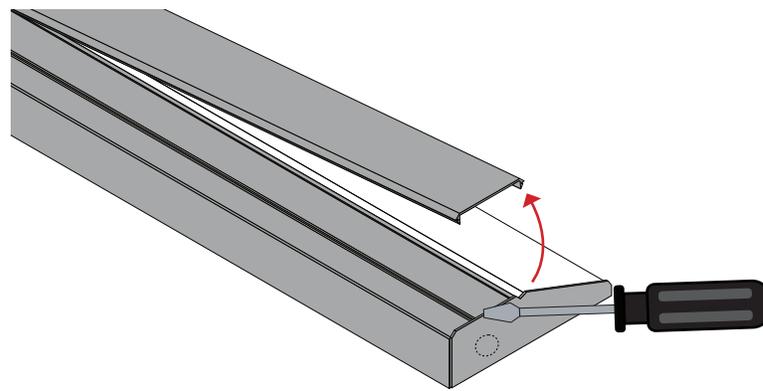
INSTALLATION STEPS 1 - 3



CAREFULLY REVIEW THE FOLLOWING INSTALLATION STEPS TO ENSURE THE PRODUCT IS INSTALLED SAFELY AND CORRECTLY. INSTALLATION MUST BE DONE BY A LICENSED AND QUALIFIED PROFESSIONAL. (FAILURE TO FOLLOW INSTRUCTIONS WILL VOID WARRANTY)

STEP 1

Remove cover. Insert flat screw driver at the end of the fixture between the end-cap and the aluminum snap cover to access the wiring. (Do not remove any lens cover.)

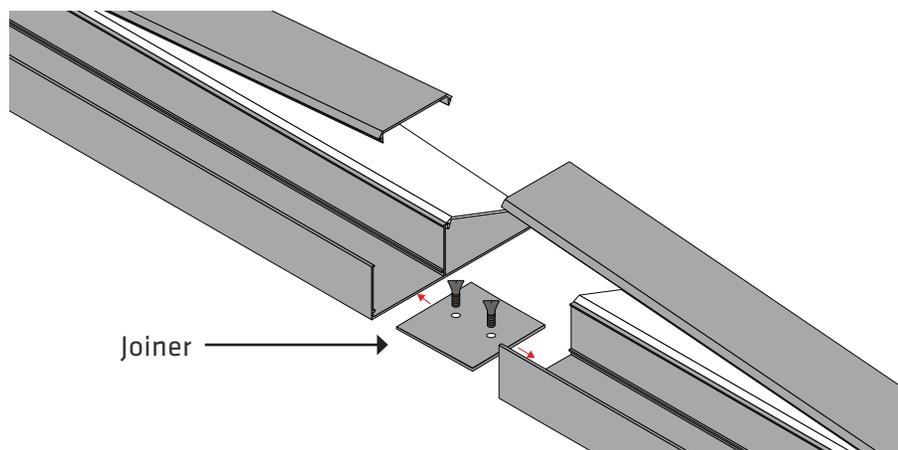


STEP 2

Repeat step 1 to other fixtures to connect multiple fixtures to make a long runs.

STEP 3

Making long runs. Connect multiple fixtures together with the internal joiner plate to complete the fixture overall run length required. Refer to the information on the label placed at the end of each fixture to identify the correct sequence in which fixture should be connected. The assembly of multiple sections are often easily done in the cove rather than on the floor.



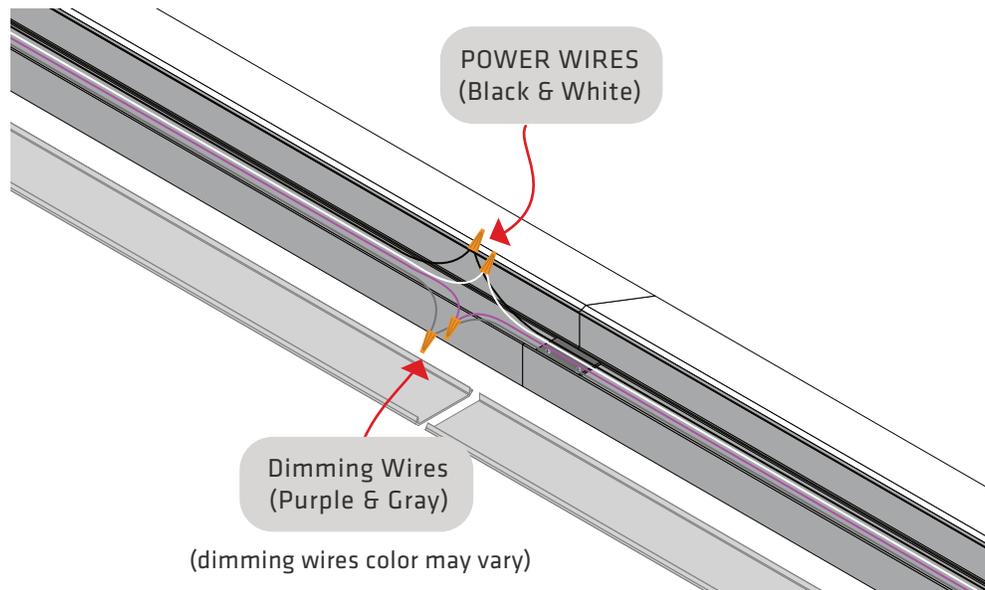
COVE 5 (CV5) SERIES

INSTALLATION STEPS 4 - 5



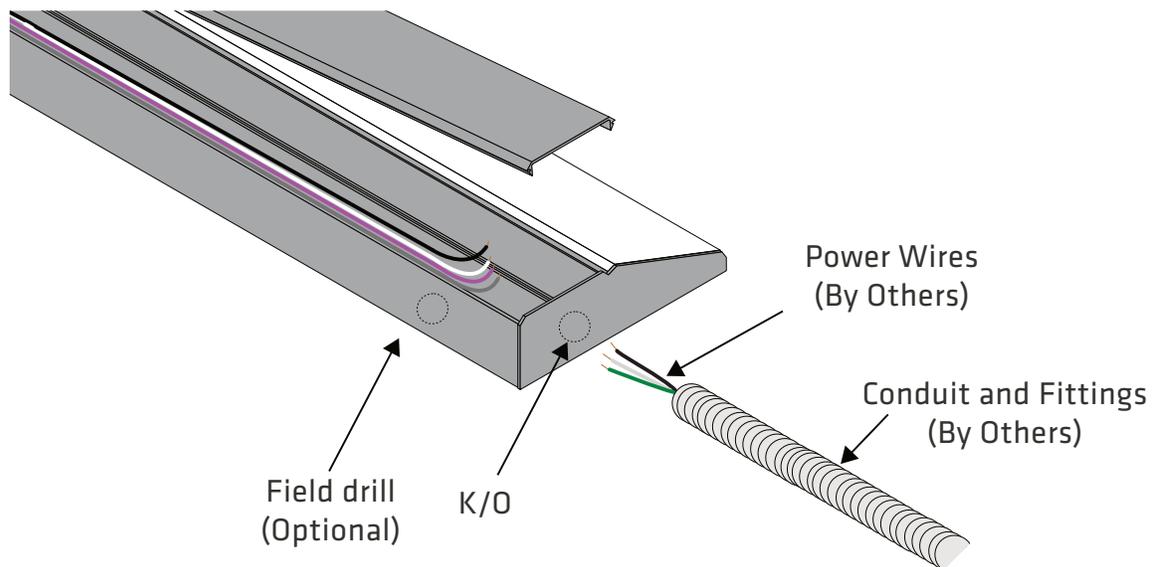
STEP 4

Fixture wiring connections. Identify wires and connect power and dimming wires from one section to another section. Repeat same steps to connect more sections to complete the fixture overall run length required. (Wire nuts and any other type of hardware required, by others)



STEP 5

Fixture Power Connection. Service power can be connected at the end of the run using the provided endcap with K/O or field-drill K/O on the side or bottom of any section. Make power wiring connections and cap off opposite end of fixture power wires. (Conduit and any other type of hardware required, by others)



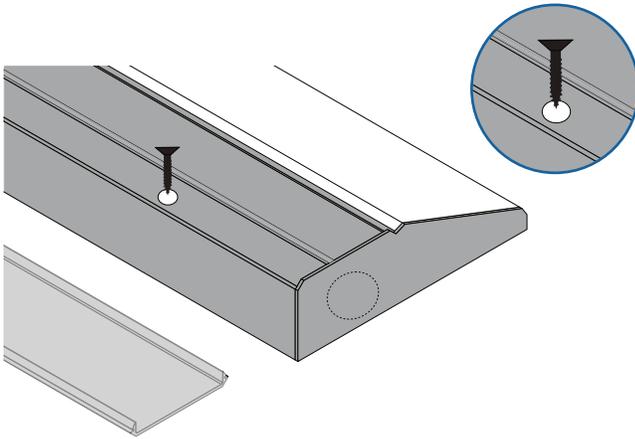
COVE 5 (CV5) SERIES

INSTALLATION STEPS 6 - 7

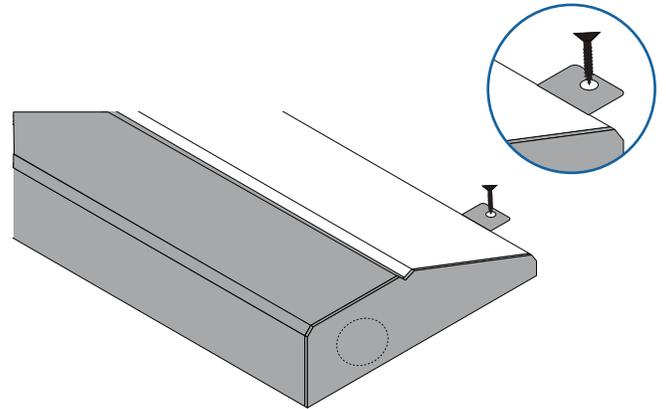


STEP 6

Secure Fixture To Mounting Surface. Identify the required fixture mounting position and secure the fixture to the mounting surface using the pre-drilled mounting holes. (Mounting screws by others)



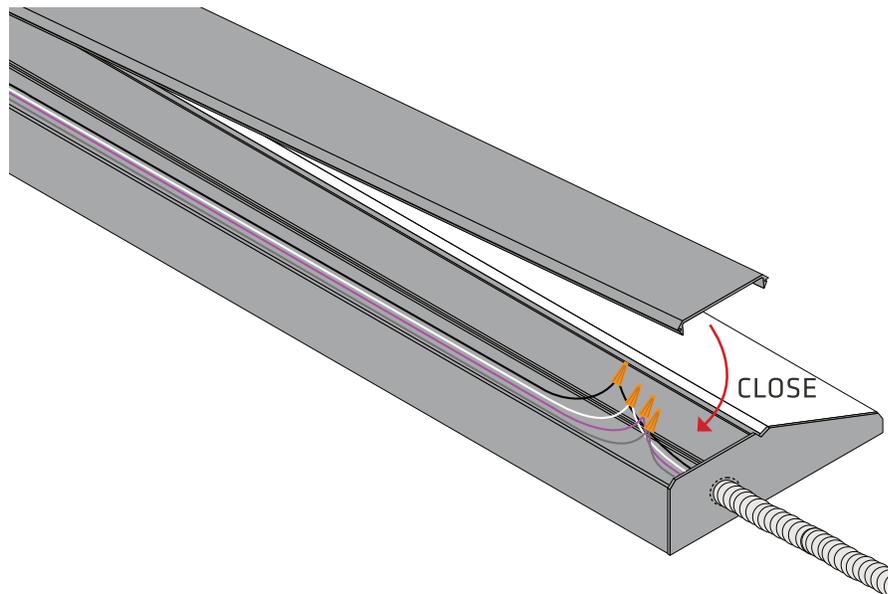
SM - STANDARD MOUNT
(Inside screw mount)



TM - TAB MOUNT
(Optional)

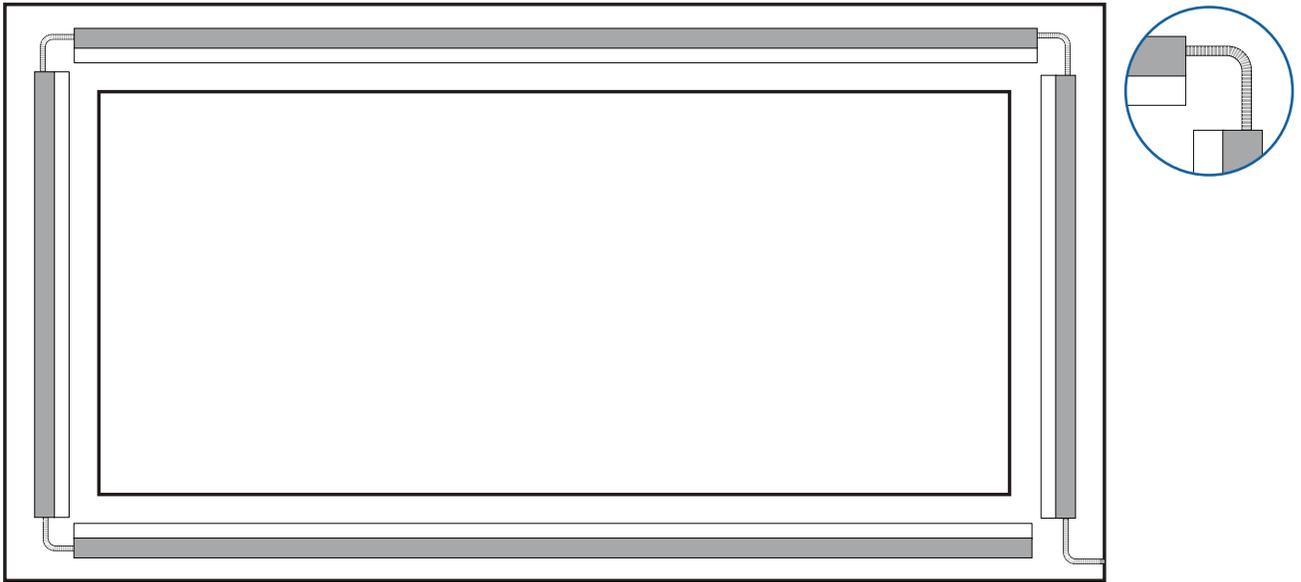
STEP 7

Close Fixture. Snap covers back on to close the fixture and complete the installation.



Patterns Mounting Notes

For most patterns installation where fixtures don't have or require precise mitered corners, using whipped corners is common as shown in the drawing below. This approach provides more flexibility during installation, making exact tolerance less critical. CV5 fixtures are customarily surface mounted facing up in a cove or shelf. If there is no front lip, be mindful of sight lines from various angles and set the fixture back accordingly.



Installation Completed.