

CV1 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 CV1 (formally ALX4) is a high performance, very low profile, cove luminaire offering either symmetrical or asymmetrical distribution. The remote driver allows for a minimum fixture section to fit easily in small pockets. Runs can be configured in both straight or flex configurations in sections up to 8' depending on output selected, 0-10v dimming standard.

Construction Details

Housing	Extruded aluminum housing.
Lens	Extruded semi-rounded and rounded snap on DR acrylic with white frosted finish for widespread even 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
Prewired	Fixtures are pre-wired with both line and control wires.
Endcaps	Pre-installed aluminum endcaps match housing finish.
Finish	Satin Anodized or Polyester white paint is standard. Powder-coat optional
Fixture Lengths	Continuous runs to fill any cove application.

Fixture Organization and Prep

All CV1 fixtures are shipped identified by type and fixture length. Larger projects usually include marked up plans or worksheets to properly identify run locations by room. #.

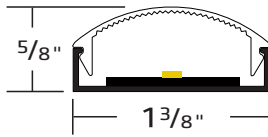
See Next Page For More Product Details

COVE 1 (CV1) SERIES

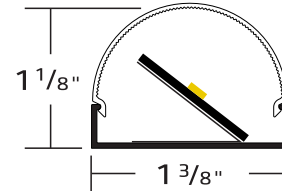
INSTALLATION GUIDE



Read and understand the following product and safety instructions
to ensure safe and successful installation



CV1

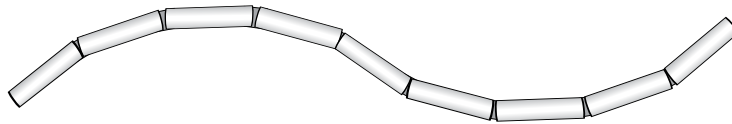


CV1A

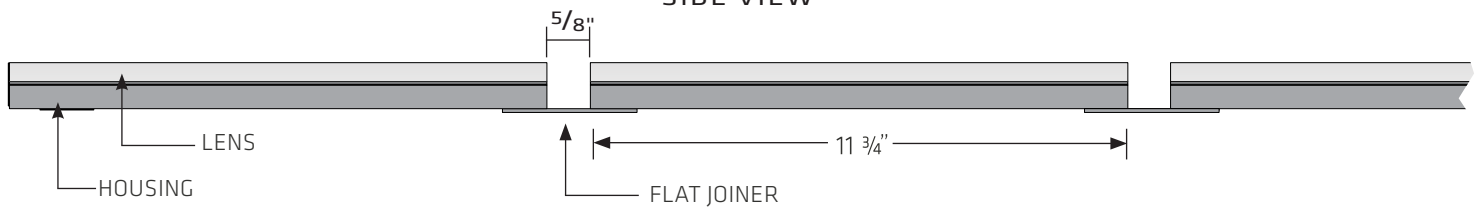
INSTRUCTIONS

(FLX) Field Curveable Fixture

TOP VIEW



SIDE VIEW



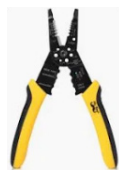
(ST) Straight Fixture

TOP VIEW



Tools Required:

Wire stripper, flat screw driver and philips screw driver.
(Mounting screws, wire nuts, conduit, conduit fittings or K/O fittings by others)



See Next Page For Installation Steps

INSTALLATION MUST BE DONE BY A PROFESSIONAL OR QUALIFIED ELECTRICIAN

COVE 1 (CV1) SERIES

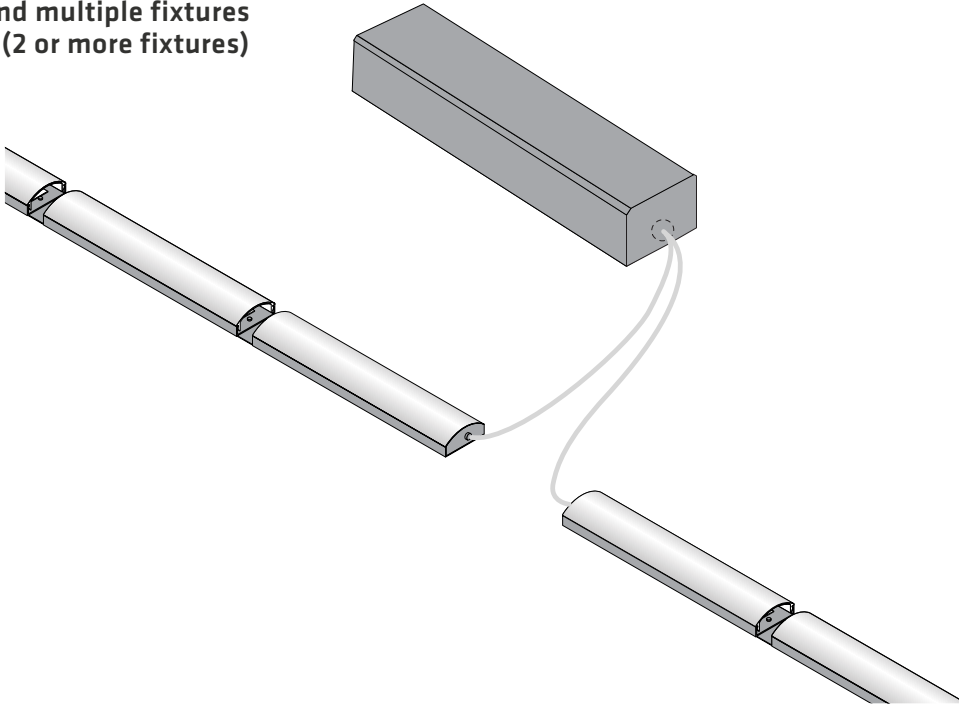
INSTALLATION STEP 1



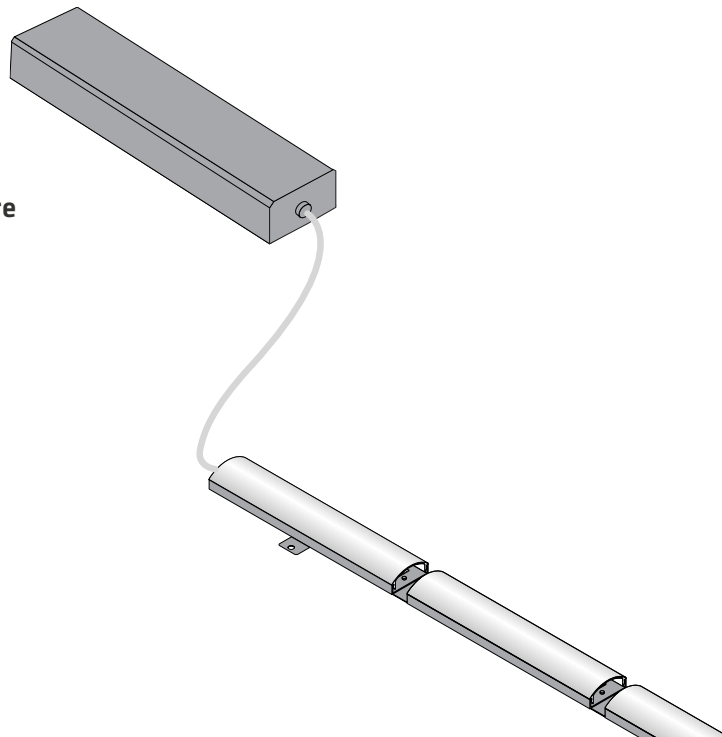
STEP 1

Open boxes and identify preassigned fixtures and drivers combination before starting the installation.
(LED drivers w/ enclosure included)

Single driver and multiple fixtures (2 or more fixtures)



Single driver and single fixture



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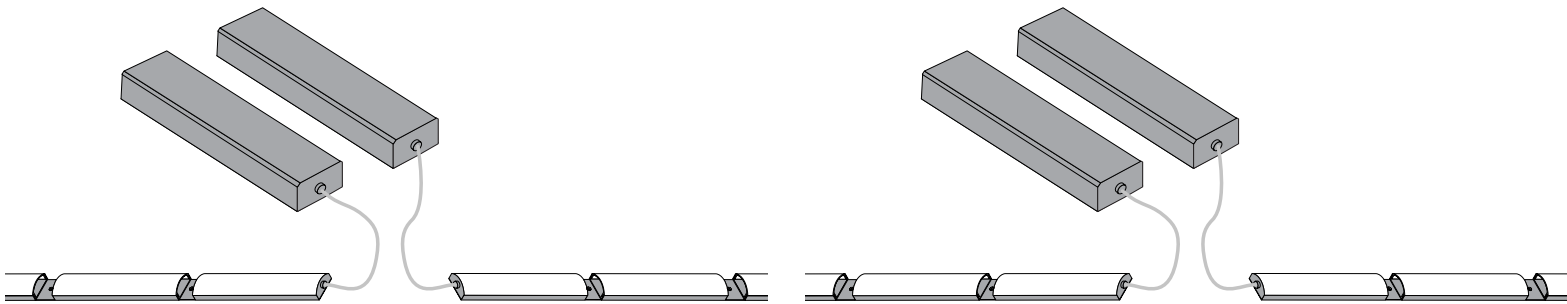
INSTALLATION STEP 2



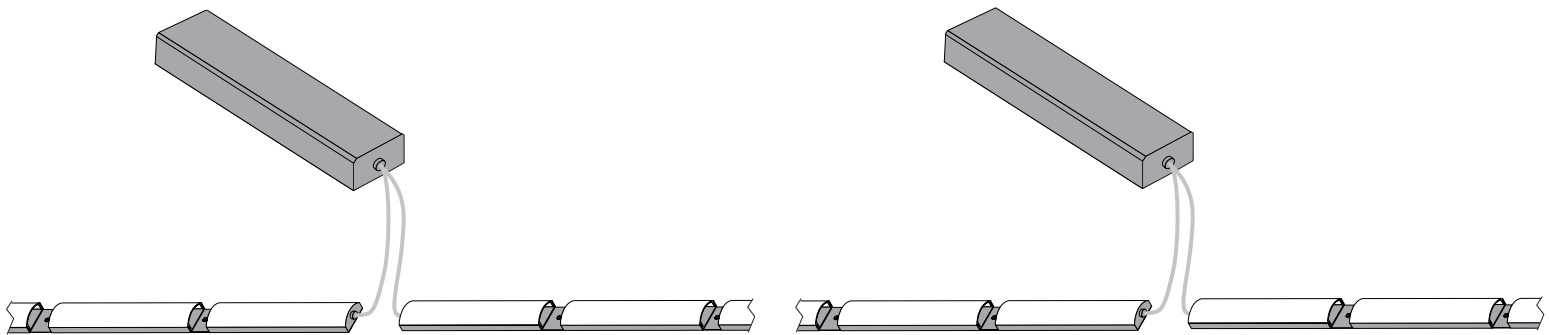
STEP 2

After identifying the correct preassigned fixture and driver combination, select the required layout and placement of fixtures and drivers. See fixtures and driver layout options below. (LED drivers w/ enclosure included)

Single fixture per led driver



Multiple fixtures per driver



COVE 1 (CV1) SERIES

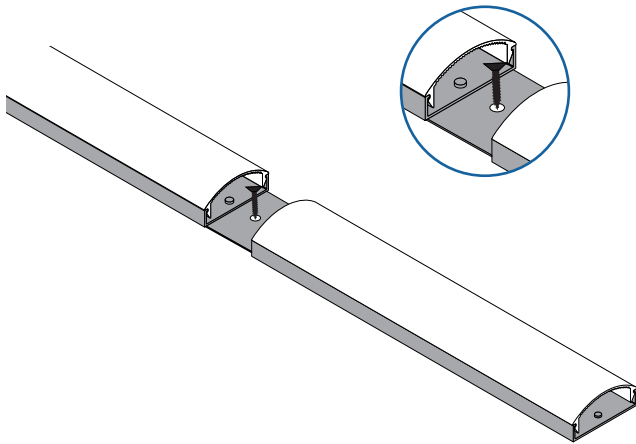
INSTALLATION STEP 3



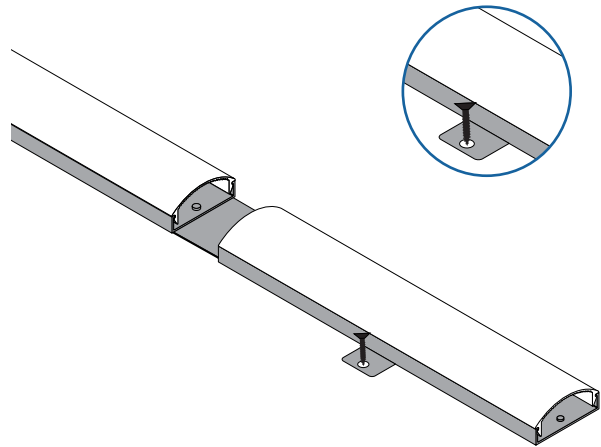
STEP 3

Secure the fixture to the mounting surface using the pre-drilled mounting holes or use the tab mounting holes if fixture was ordered with mounting tabs . (Mounting screws by others)

(FLX) FIELD CURVEABLE FIXTURES MOUNTING OPTIONS

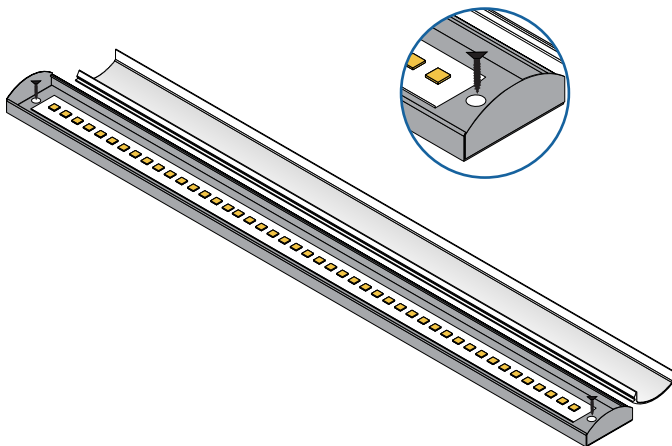


SM - STANDARD MOUNT

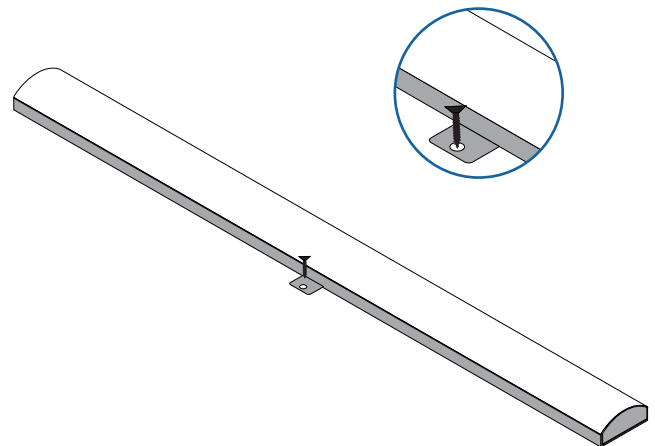


**TM - TAB MOUNT
(Optional)**

(ST)STRAIGHT FIXTURES MOUNTING OPTIONS



SM - STANDARD MOUNT
(Remove lens to access mounting hole)



**TM - TAB MOUNT
(Optional)**

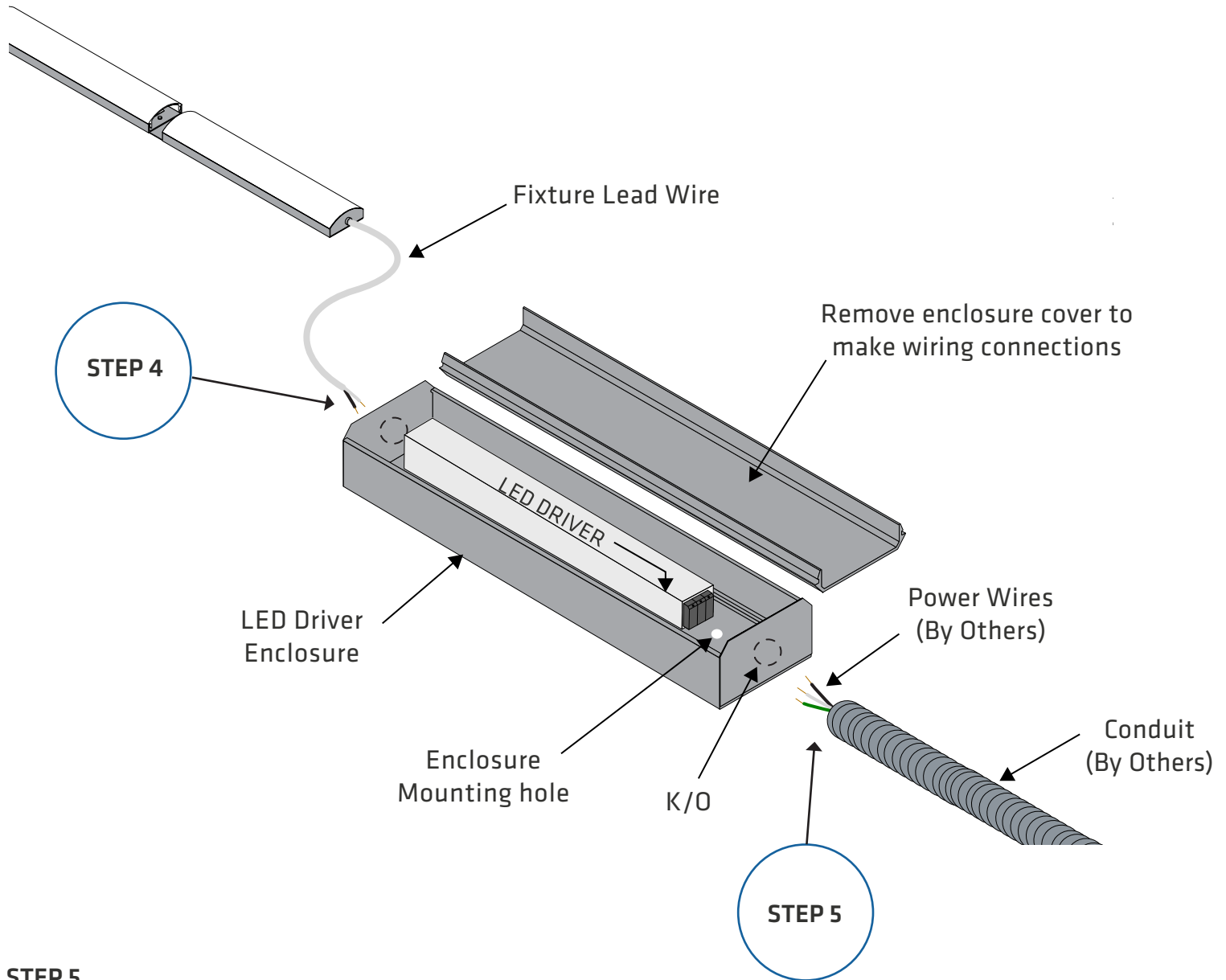
COVE 1 (CV1) SERIES

INSTALLATION STEPS 4-5



STEP 4

Connect fixture leadwire to the LED driver using the K/O located at the end of LED driver enclosure.
Secure the LED driver enclosure using the mounting holes located inside the enclosure.
(K/O fittings and wirenuts by contractor)



STEP 5

Connect service power to the led driver using the K/O located at the end of the LED driver enclosure.
Make sure to make this connection to the correct side of the driver to avoid driver damage.
(K/O fittings, conduit and power wires by others)

Contact factory with any questions: 626-442-4600 or technical@primuslighting.com