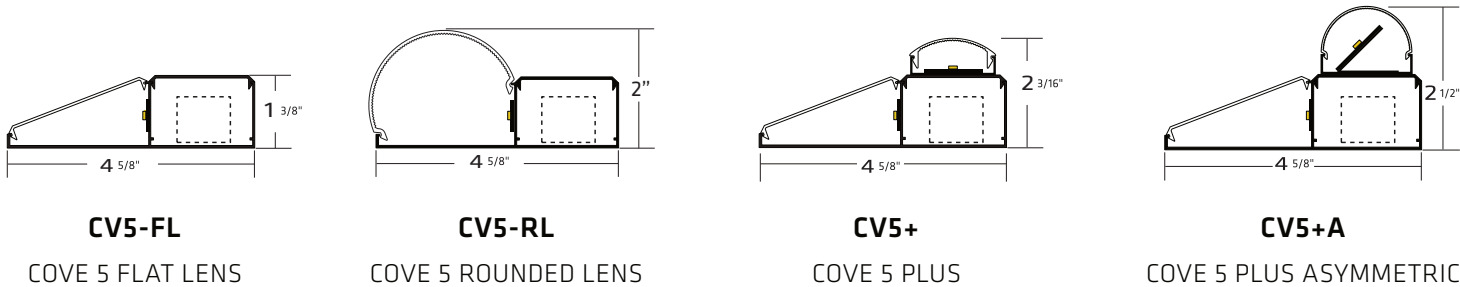




COVE 5 SERIES
COVE & WALL GRAZING LIGHTING



See Next Page For Installation Important Information



CAREFULLY REVIEW THE FOLLOWING INFORMATION AND INSTALLATION STEPS TO ENSURE THE PRODUCT IS INSTALLED SAFELY AND CORRECTLY.

INSTALLATION MUST BE PERFORMED BY A LICENSED CONTRACTOR OR QUALIFIED ELECTRICIAN FAMILIAR WITH APPLICABLE CODES AND SAFETY STANDARDS. IMPROPER INSTALLATION CAN RESULT IN SERIOUS INJURY OR DEATH.

FAILURE TO FOLLOW THESE INSTRUCTIONS AND AS A RESULT OF INCORRECT INSTALLATION WILL VOID PRODUCT WARRANTY

MANUFACTURER ASSUMES NO LIABILITY FOR PRODUCT OR PROPERTY DAMAGE OR INJURY RESULTING FROM FAILURE TO FOLLOW THESE INSTRUCTIONS, MISUSE OF THE PRODUCT, OR INSTALLATION NOT PERFORMED IN ACCORDANCE WITH LOCAL BUILDING AND ELECTRICAL CODES

NEC AND LOCAL CODE AWARENESS

Installation must be done in accordance with (NEC) National Electrical Code and any other local code requirements

SAFETY WARNINGS

- Do not install this product on or nearby flammable materials
- Do not install this product in hazardous locations

GENERAL NOTES

Contact manufacture with any questions Ph: 661-495-5700 or info@primuslighting.com

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COVE 5 SERIES

INSTALLATION GUIDE PRODUCT INFORMATION



DESCRIPTION

The CV5 series is a high performance, 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.

HOUSING

High quality extruded aluminum snap together housing up to 12' long in one single and continuous housing. Continuous longer runs can be made in the field by connecting multiple fixtures using our internal joiners.

REFLECTOR

High specular reflector installed inside the fixture to improve light performance.

LENS

Extruded flat and round snap on DR acrylic with white frosted finish for widespread even distribution.

LED'S

White LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K.

Static Colors LED'S red, green, blue.

LED DRIVERS (Integral)

Integral, universal voltage (120/277), 0-1 OV with custom program dimming options, Triac.

CONFIGURATION

(ST) ST configurations is for straight fixtures.

(RP) Rectangular pattern.

(SP) Square pattern.

(CP) Custom pattern.

MOUNTING

(SM) Standard mount is recommended.

(TM) Tab mount is optional upon request (additional cost).

OPTIONS

EM Packs 500 Lumens, and, 1000 Lumens.

ENDCAPS

Pre-installed 1/16" aluminum construction with K/O, endcaps match housing finish.

FINISH

Clear anodize, powder coat and polyester liquid paint.

Satin and white are standard finishes.

Black, custom colors and antimicrobial white finish are premium colors (additional cost).

FIXTURE LENGTHS

Specify the overall length required.

WARRANTY

Limited Warranty 5 year limited warranty, see [Warranty](#) for full terms.

COMPLIANCE CERTIFICATIONS

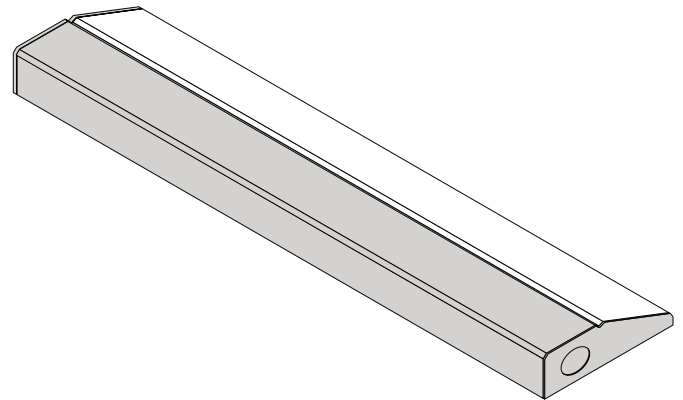
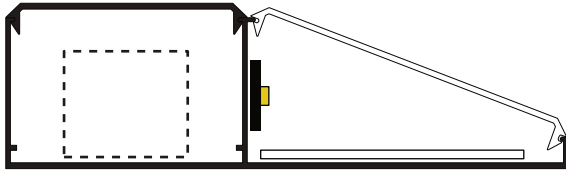


COVE 5 SERIES

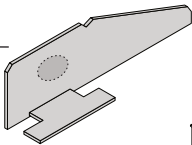
INSTALLATION GUIDE FIXTURE DETAILS



End View



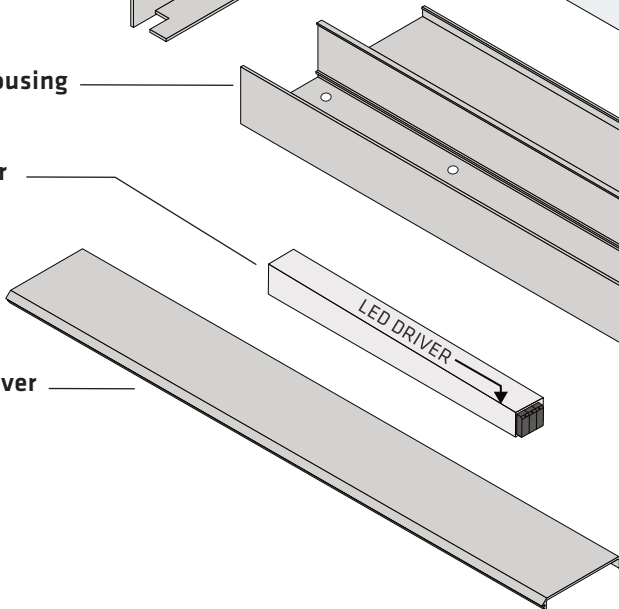
Endcaps



Fixture housing

LED Driver

Fixture cover

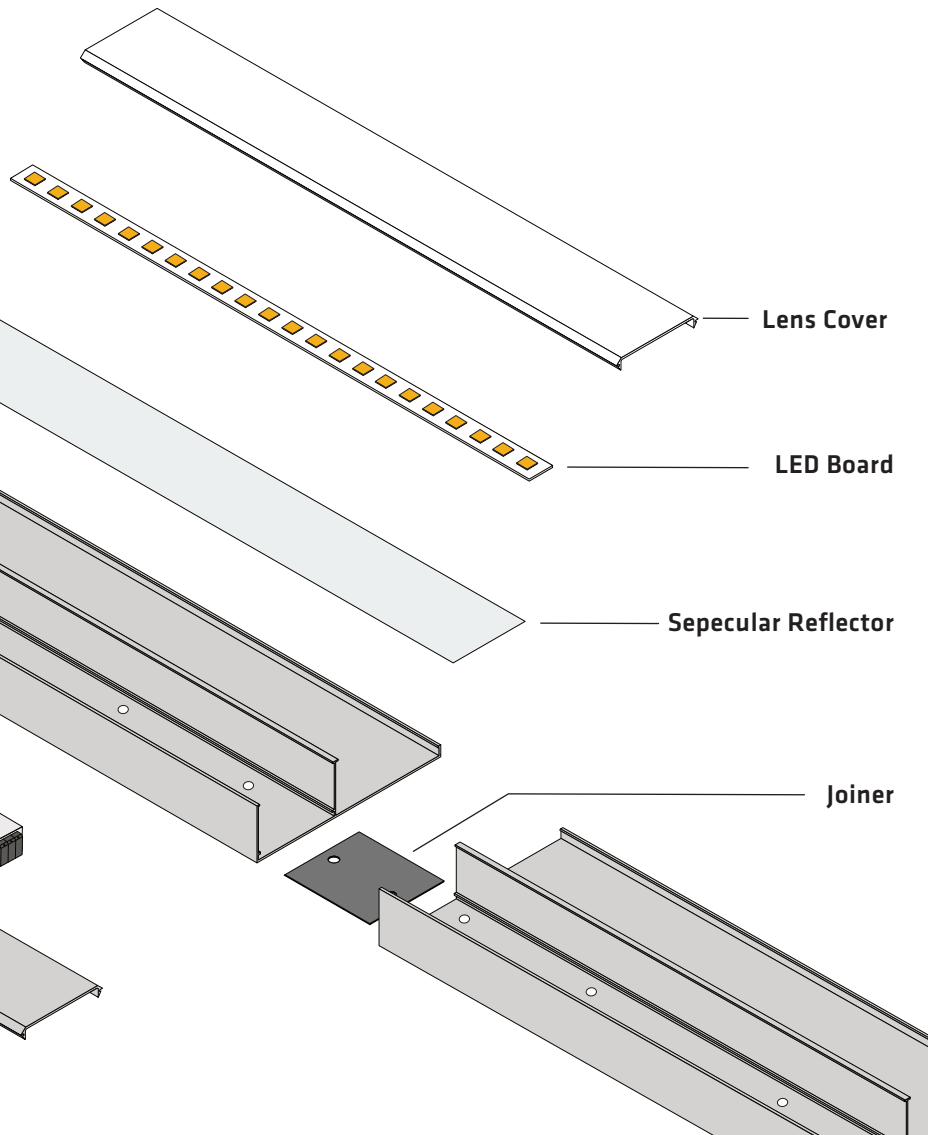


Lens Cover

LED Board

Sepecular Reflector

Joiner

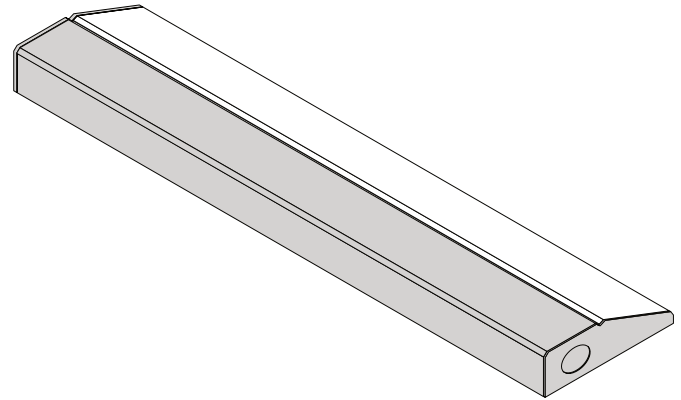
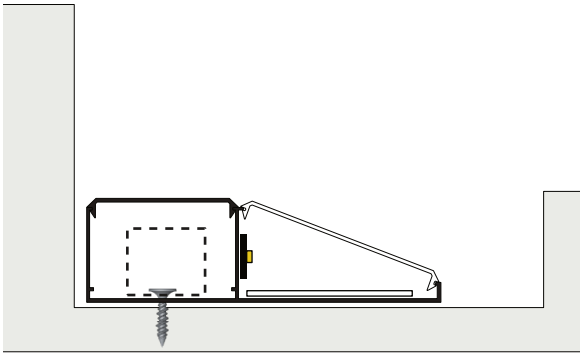


COVE 5 SERIES

INSTALLATION GUIDE INSTALLATION STEPS

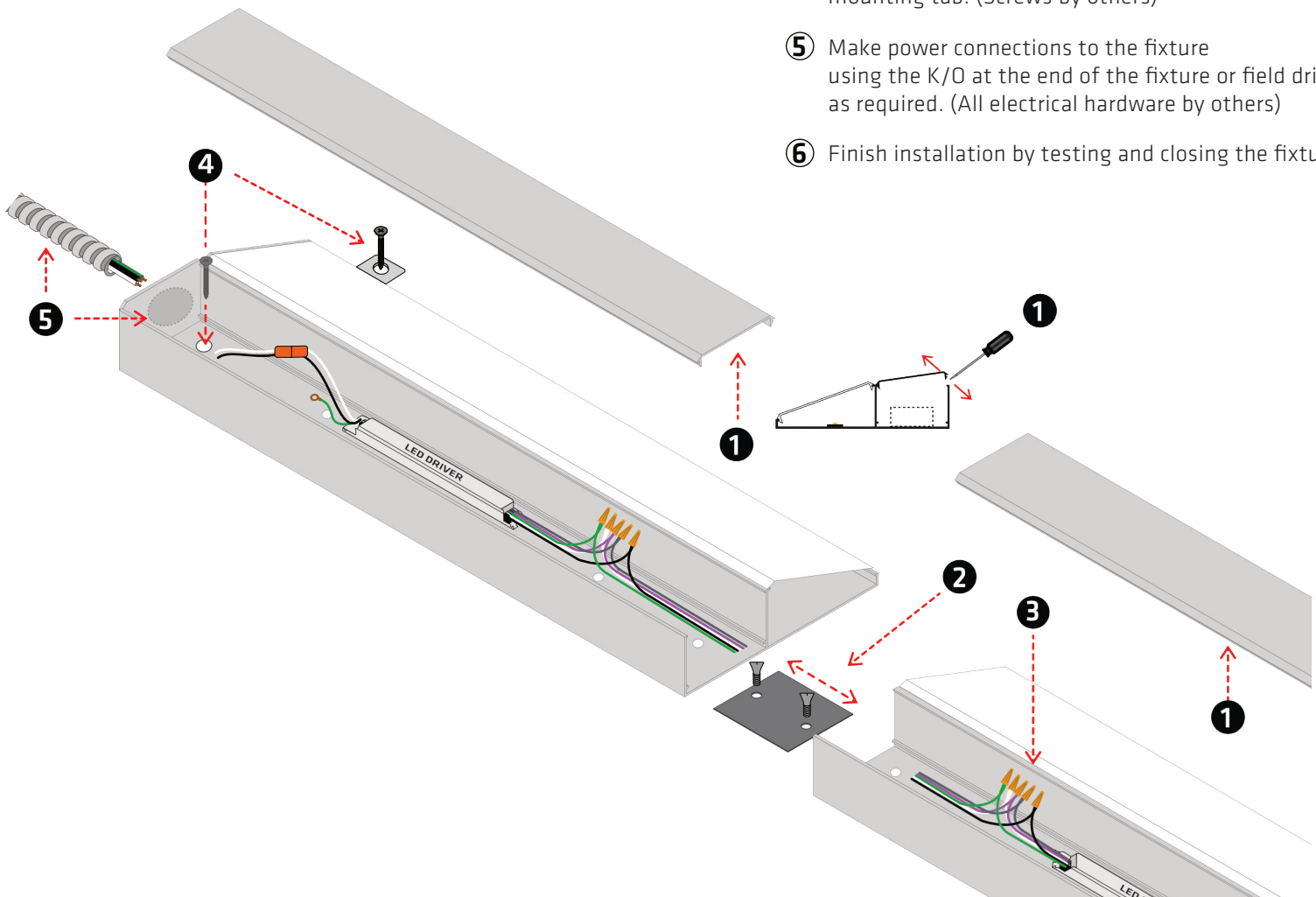


End View



Installation Steps

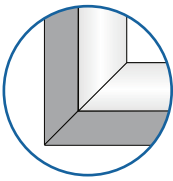
- ① Remove the channel cover using a flat screw driver. Repeat this step to other fixtures as required. (Do not remove lens cover)
- ② Connect fixtures as required using the joiners until the required overall length is complete.
- ③ Identify wires and connect power and dimming wires from one fixture to another fixture. Repeat this step to connect all required fixtures.
- ④ Secure fixture in place using the appropriate screws and pre-drilled mounting holes or pre-ordered mounting tab. (Screws by others)
- ⑤ Make power connections to the fixture using the K/O at the end of the fixture or field drilled as required. (All electrical hardware by others)
- ⑥ Finish installation by testing and closing the fixture.



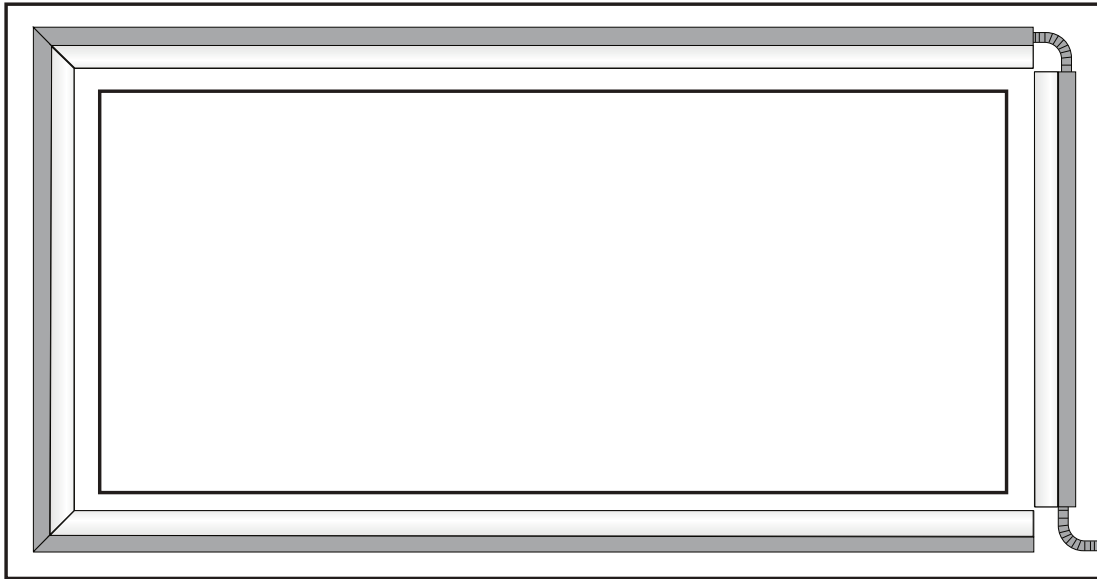
Patterns Mounting Notes

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.

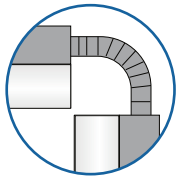
Miter Cut Corner



Factory
Miter Cut



Whipped Corner



Field
Whipped
Connection