

COVE SERIES

COVE 2 (CV2)



PROJECT

TYPE

NOTES

FIELD CURVABLE COVE & INDIRECT LIGHTING

DESCRIPTION

High quality precision extruded aluminum that has a superior strength-to-weight ratio than steel allowing for longer runs and a premium finish and wide spread acrylic lens for broad even light Distribution.

FIELD CURVABLE

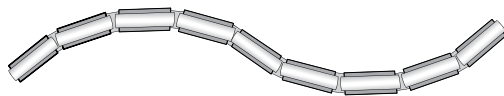
Field curvable feature allows you to shape the fixture to any architectural contour or curve as tight as a 2' radius.

STRAIGHT CONFIGURATION

Continuous straight runs up to 12' in length with one single extrusion. Longer runs are made using joiners in the field

CUSTOMIZATION

Many options of the latest LED types, LED colors, drivers, finishes, configurations, mounting & lengths to customize your fixture. Proudly made in the US.



(FLX) - FIELD CURVABLE



(ST) - STRAIGHT

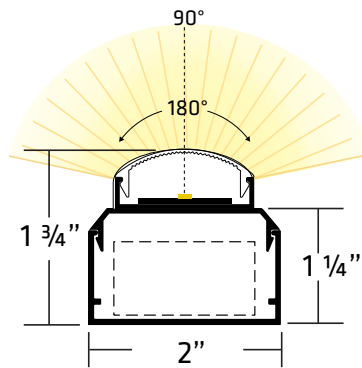
MODEL	LED COLOR	LUMENS	DRIVER	CONFIGURATION	MOUNTING	FINISH	LENGTH
CV2 COVE 2	27K 2700k	L LOW	UNV0% 0-10V 0%	FLX FIELD CURVABLE	SM STANDARD MOUNT	S SATIN (Standard)	SPECIFY
CV2A COVE 2 ASYMMETRIC	3K 3000k	M MEDIUM	UNV1% 0-10V 1%	ST STRAIGHT	TB TAB MOUNT (Optional)	W WHITE (Standard)	Overall
	35K 3500k	H HIGH	UNV10% 0-10V 10%	RP RECTANGULAR PATTERN		B BLACK (Premium)	Length
	4K 4000k	CL CUSTOM LUMENS	UNVCD% 0-10V CD	SP SQUARE PATTERN		C CUSTOM (Premium)	Required
	R RED	CW CUSTOM WATTS	TRIAC 2 WIRE	CP CUSTOM PATTERN		A ANTIMICROBIAL (Premium)	
	G GREEN						
	B BLUE						
Refer to PG. 1,2	Refer to PG. 3	Refer to PG. 3	Refer to PG. 3	Refer to PG. 4 - 5	Refer to PG. 6	Refer to PG. 6	Refer to PG. 6

COVE 2 (CV2)

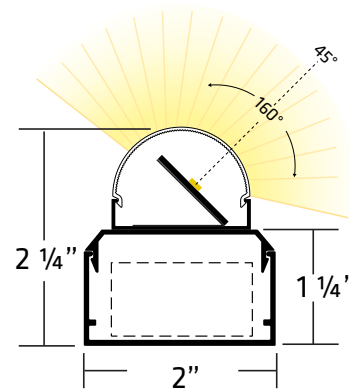
MODEL - SPECIFICATIONS



MODELS



CV2
COVE 2



CV2A
COVE 2 ASYMMETRIC

SPECIFICATIONS

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.

LENS

Extruded semi-rounded and rounded 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, refer to page 3 for lumen details and options.

Static Colors LED'S red, green, blue, refer to page 3 for details and options.

LED DRIVERS (Integral)

Integral, universal voltage (120/277), 0-1 0V with custom program dimming options, Triac, refer to page 3 for LED driver options and details.

CONFIGURATION

(FLX) Flexible, field curvable, field adjustable & field connectable. Refer to page 4 for more details and options.

(ST) ST configurations is for straight fixtures. Refer to page 5 for more details and options.

(RP) Rectangular pattern. Refer to page 5 for more details and options.

(SP) Square pattern. Refer to page 5 for more details and options.

(CP) Custom pattern. Refer to page 5 for more details and options.

MOUNTING

(SM) Standard mount is recommended, refer to page 6 for more details.

(TM) Tab mount is optional upon request (additional cost), refer to page 6 for more details.

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). Refer to page 6 for more details and options.

FIXTURE LENGTHS

Specify the overall length required. Refer to pages 4, 5 and 6 for more details on fixture lengths.

WARRANTY

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

COMPLIANCE CERTIFICATIONS



COVE 2 (CV2)

LED COLORS - LUMENS - LED DRIVERS



LED COLORS AND LUMENS

COLOR		DESCRIPTION									
		CRI	(L) LOW LUMENS			(M) MEDIUM LUMENS			(H) HIGH LUMENS		
27K	2700K	CRI90	433 L/FT	3.5 W/FT	120 L/W	760 L/FT	6.5 W/FT	117 L/W	1026 L/FT	9.0 W/FT	114 L/W
3K	3000K	CRI90	448 L/FT	3.5 W/FT	124 L/W	787 L/FT	6.5 W/FT	121 L/W	1062 L/FT	9.0 W/FT	118 L/W
35K	3500K	CRI90	463 L/FT	3.5 W/FT	129 L/W	814 L/FT	6.5 W/FT	125 L/W	1098 L/FT	9.0 W/FT	122 L/W
4K	4000K	CRI90	478 L/FT	3.5 W/FT	133 L/W	840 L/FT	6.5 W/FT	129 L/W	1134 L/FT	9.0 W/FT	126 L/W
R	RED	CRI90	292 L/FT	3.5 W/FT	82 L/W	507 L/FT	6.5 W/FT	77 L/W	669 L/FT	9.0 W/FT	74 L/W
G	GREEN	CRI90	499 L/FT	3.5 W/FT	143 L/W	775 L/FT	6.5 W/FT	119 L/W	969 L/FT	9.0 W/FT	107 L/W
B	BLUE	CRI90	118 L/FT	3.5 W/FT	34 L/W	214 L/FT	6.5 W/FT	33 L/W	282 L/FT	9.0 W/FT	31 L/W

(**CL**) Custom Lumens / ft, or (**CW**) custom watts / ft available. Higher Kelvin also available, consult factory.
Specify or consult factory for any other type of LED requirements not shown above such as led type, LED color, lumens, etc.

LED DRIVERS (Integral)

DRIVER	DESCRIPTION			
UNV0%	0 - 10V Dimming Driver	0 % Dimming (Dim to Off)	120/277V	(347V Available)
UNV1%	0 - 10V Dimming Driver	1% Dimming	120/277V	(347V Available)
UNV10%	0 - 10V Dimming Driver	10% Dimming	120/277V	(347V Available)
UNV(CD)%	0 - 10V Dimming Driver	Custom Dimming (Specify %)	120/277V	(347V Available)
TRIAC	2 Wire Dimming Driver	2 Wire Phase Triac Dimming	120/277V	

Specify or consult factory for any other type of LED DRIVER requirements not shown above.

COVE 2 (CV2)

CONFIGURATION - FLEXIBLE, FIELD CURVABLE



(FLX) - FLEXIBLE, FIELD CURVABLE

FLX configuration is flexible, field curvable, field adjustable & field connectable.

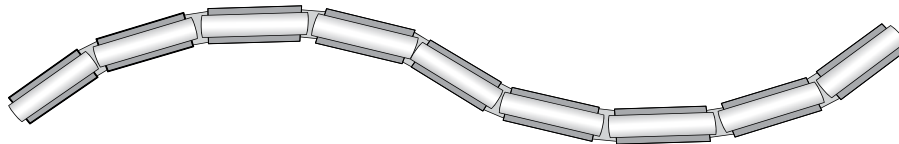
Cove or fixture overall length measurements are required.

Fixtures are shipped pre-wired and pre-assembled

The number of fixtures and sections per fixture can vary depending on the lumens, watts, and overall length requirements.

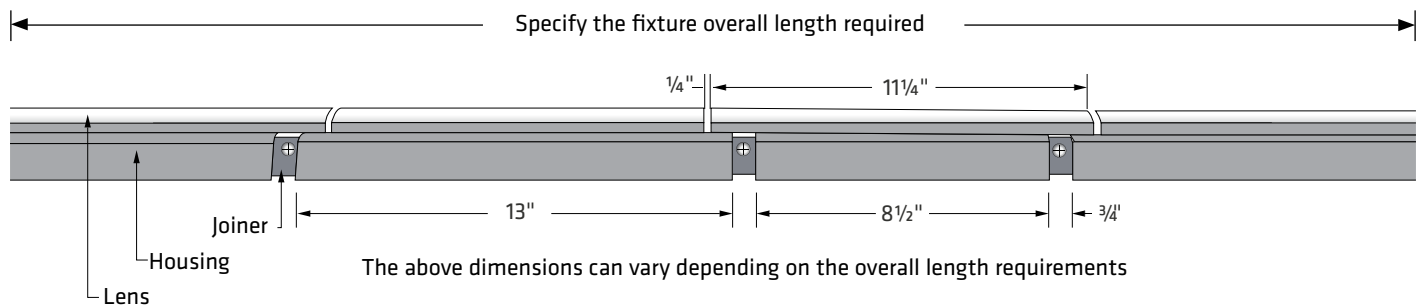
This system is quoted by the foot and not by fixtures or sections.

TOP VIEW

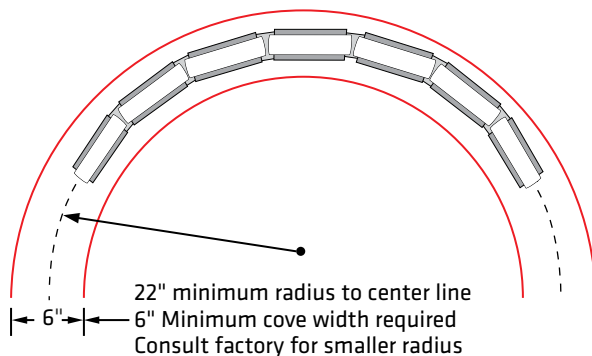


(The number of sections / fixture varies from 1 to 8 max)

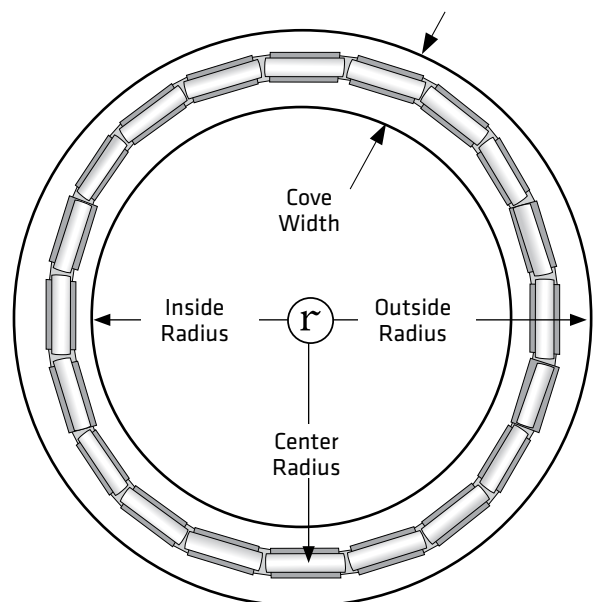
SIDE VIEW



MINIMUM RADIUS
AND COVE REQUIREMENTS



* REQUIRED MEASUREMENTS
FOR COMPLETE CIRCLES



COVE 2 (CV2)

CONFIGURATION - STRAIGHT - PATTERNS



(ST) - STRAIGHT

ST configurations is for straight fixtures

Straight fixtures can be made up to 12' long in one single and continuous housing.

Longer fixtures & runs can be made in the field by connecting multiple fixtures with our joiners.

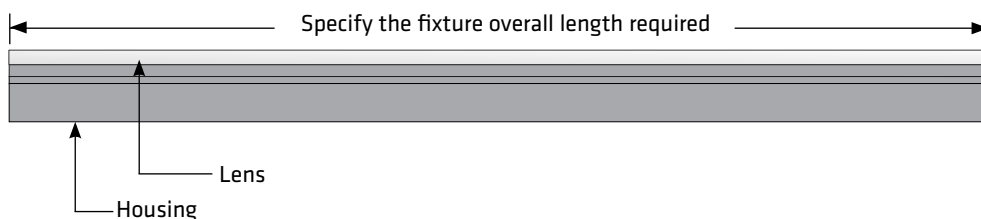
The number of fixtures per run can vary depending on the lumens, watts, and overall run length of fixture and or cove requirements.

Straight fixtures are also quoted by the foot.

TOP VIEW



SIDEVIEW

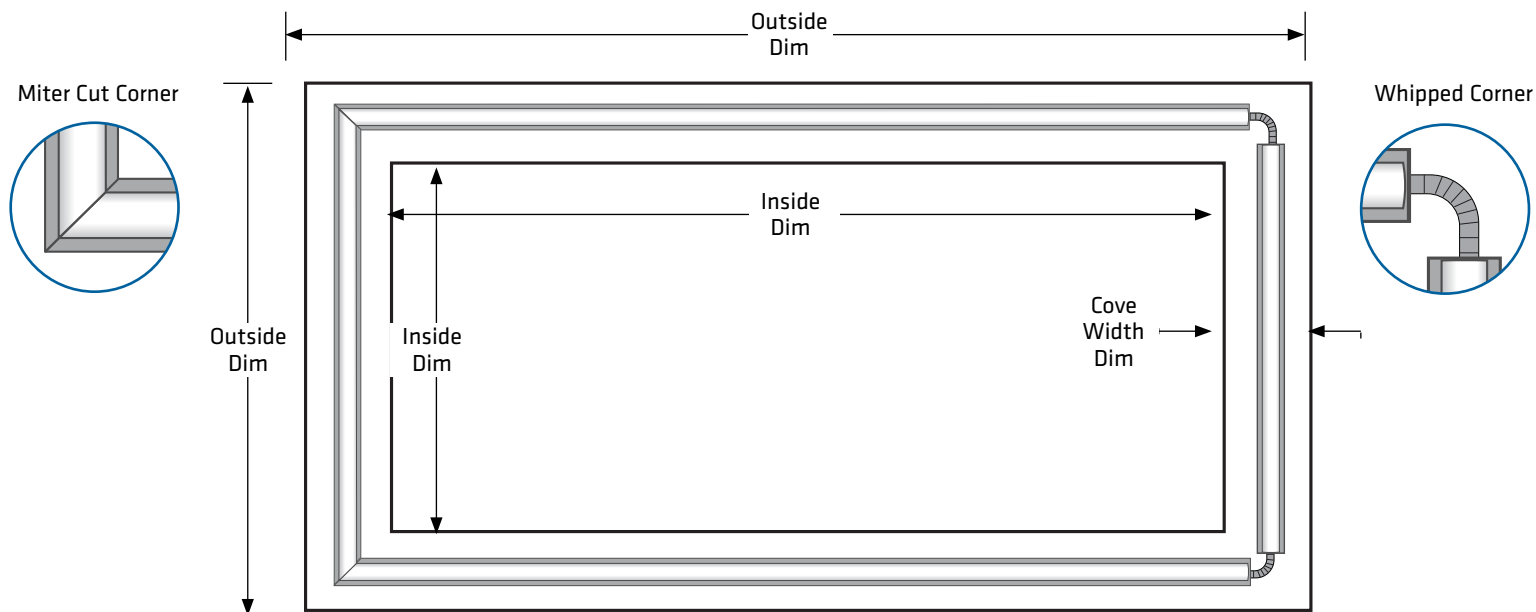


(RP) - RECTANGULAR PATTERN | (SP) - SQUARE PATTERN | (CP) - CUSTOM PATTERN

Rectangular, square and custom patterns are made with multiple straight fixtures.

A drawing with specific dimensions and details is required.

Select miter cut or whipped corners



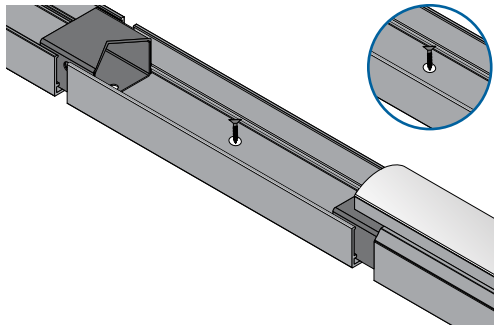
COVE 2 (CV2)

MOUNTING - FINISH - FIXTURE LENGTHS

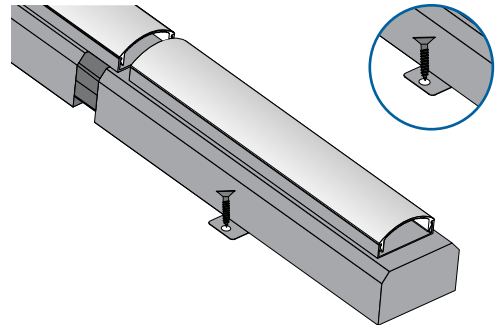


MOUNTING OPTIONS

These mounting options apply for both (FLX) field curvable and (ST) straight configurations.



SM - STANDARD MOUNT
(Inside screw mount)



TM - TAB MOUNT
(Optional)

FINISH OPTIONS

Clear anodize, powder coat and polyester liquid paint.

Satin and white are standard finishes.

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

White or satin finishes are recommended for cove or indirect lighting applications.

The actual color of the product may vary from what is seen on electronic devices.

We cannot guarantee that the color you see on your screen accurately reflects the true color of the product.



S - SATIN
Standard
(Clear Anodized)



W - WHITE
Standard
(Powder Coat, liquid paint)



B - BLACK
Premium
(Powder Coat)



C - CUSTOM COLOR
Premium
(Powder Coat, [Provide RAL#](#))



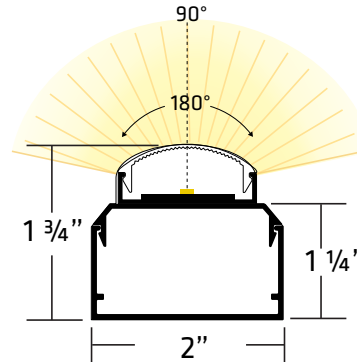
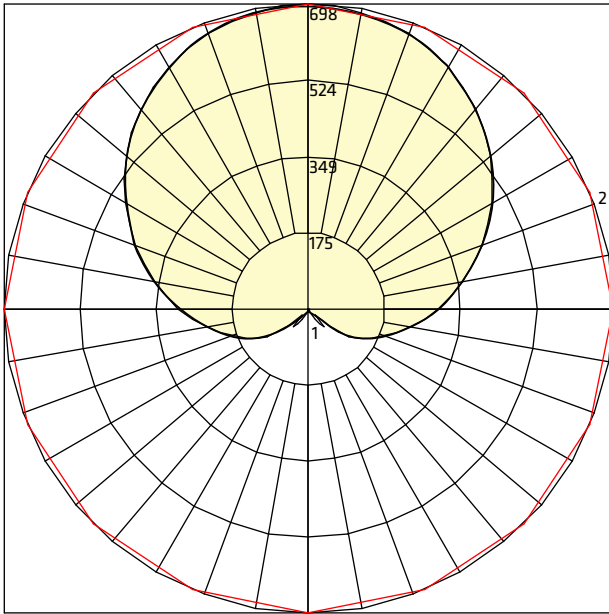
A - ANTI MICROBIAL
Premium
(Powder Coat White)

FIXTURE LENGTHS

(FLX)	FIELD CURVABLE	Specify the overall fixture length required, refer to page 4 for details
(ST)	STRAIGHT	Specify the overall fixture length required, refer to page 5 for details
(RP)	RECTANGULAR PATTERN	Provide a drawing with dimensions, refer to page 5 for required dimensions
(SP)	SQUARE PATTERN	Provide a drawing with dimensions, refer to page 5 for required dimensions
(CP)	CUSTOM PATTERN	Provide a drawing with dimensions, refer to page 5 for required dimensions

COVE 2 (CV2)

PHOTOMETRICS



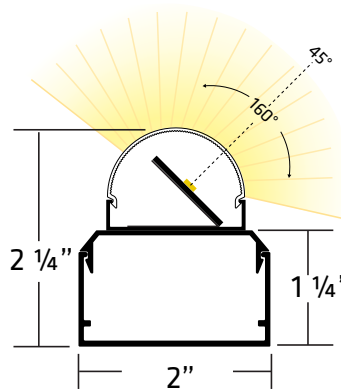
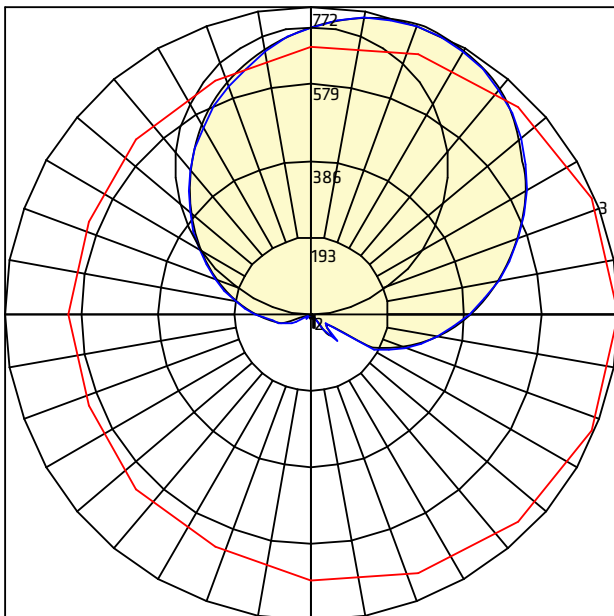
CV2
COVE 2

PHOTOMETRIC FILENAME : L022511501.IES

Maximum Candela = 698 Located At Horizontal Angle = 0, Vertical Angle = 180

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (180) (Through Max. Cd.)



CV2A
COVE 2 ASYMMETRIC

PHOTOMETRIC FILENAME : L022511402-1.IES

Maximum Candela = 772 Located At Horizontal Angle = 0, Vertical Angle = 160

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Horizontal Cone Through Vertical Angle (160) (Through Max. Cd.)