

COVE SERIES

COVE 5 (CV5)



PROJECT

TYPE

NOTES

COVE & WALL GRAZING LIGHTING

CONSTRUCTION

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.

ASYMMETRIC LIGHT DISTRIBUTION

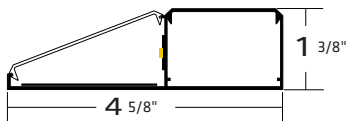
A carefully designed asymmetric light distribution, focusing light in one direction while providing smoother illumination compared to symmetric light distributions.

VERSATILE SOLUTION

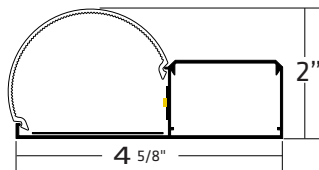
The CV5 is a highly versatile lighting solution, perfectly suited for a wide range of cove and indirect lighting applications.

CUSTOMIZATION

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



CV5-FL



CV5-RL

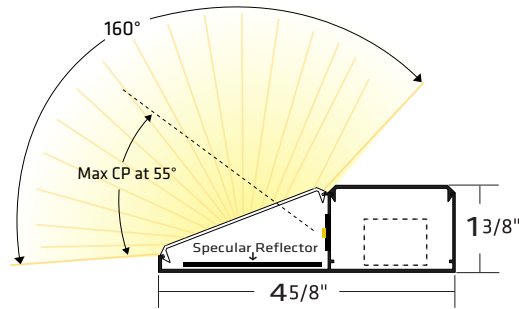
MODEL	LED COLOR	LUMENS	DRIVER	CONFIGURATION	MOUNTING	OPTIONS	FINISH	LENGTH
CV5 - FL COVE 5 FLAT LENS	27K 2700k	L LOW	UNV0% 0-10V 0%	ST STRAIGHT	SM STANDARD MOUNT	EM PACKS EM5/2/250 500L / 2' / 250L/FT	S SATIN (Standard)	SPECIFY
	3K 3000k	M MEDIUM	UNV1% 0-10V 1%	RP RECTANGULAR PATTERN	TB TAB MOUNT (Optional)	EM5/4/125 500L / 4' / 125L/FT	W WHITE (Standard)	Overall Length Required
CV5 - RL COVE 5 ROUND LENS	35K 3500k	H HIGH	UNV10% 0-10V 10%	SP SQUARE PATTERN		EM5C/(FT)/(LM) 500L CUSTOM (FT) & (LM)	B BLACK (Premium)	
	4K 4000k	CL CUSTOM LUMENS	UNVCD% 0-10V CD	CP CUSTOM PATTERN		EM10/2/500 1000L / 2' / 500L/FT	C CUSTOM (Premium)	
	R RED		TRIAC 2 WIRE			EM10/4/250 1000L / 4' / 250L/FT	A ANTIMICROBIAL (Premium)	
	G GREEN	CW CUSTOM WATTS				EM10C/(FT)/(LM) 1000L CUSTOM (FT) & (LM)		
	B BLUE							
Refer to PG. 1, 2	Refer to PG. 3	Refer to PG. 3	Refer to PG. 6	Refer to PG. 4	Refer to PG. 5	Refer to PG. 5	Refer to PG. 6	Refer to PG. 6

COVE 5 (CV5)

MODELS - SPECIFICATIONS

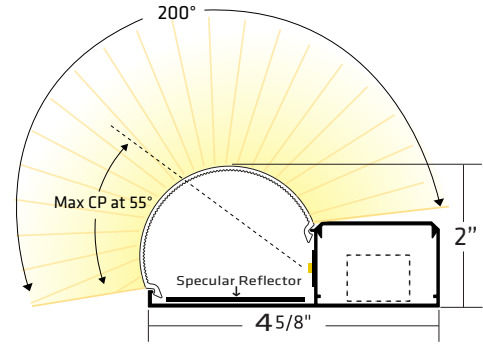


MODELS



CV5-FL

COVE 5 FLAT LENS



CV5-RL

COVE 5 ROUND LENS

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.

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, 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 OV with custom program dimming options, Triac, refer to page 3 for LED driver options and details.

CONFIGURATION

(ST) ST configurations is for straight fixtures. Refer to page 4 for more details and options.

(RP) Rectangular pattern. Refer to page 4 for more details and options.

(SP) Square pattern. Refer to page 4 for more details and options.

(CP) Custom pattern. Refer to page 4 for more details and options.

MOUNTING

(SM) Standard mount is recommended, refer to page 5 for more details.

(TM) Tab mount is optional upon request (additional cost), refer to page 5 for more details.

OPTIONS

EM Packs 500 Lumens, and, 1000 Lumens, refer to page 5 for details and options.

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

FIXTURE LENGTHS

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

WARRANTY

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

COMPLIANCE CERTIFICATIONS



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 5 (CV5)

CONFIGURATION - STRAIGHT - PATTERNS



(ST) - STRAIGHT

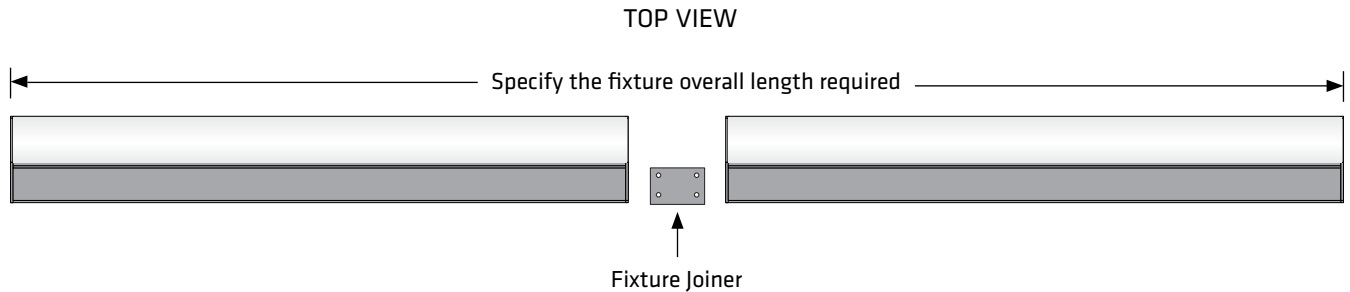
ST configurations is for straight fixtures

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.

Cove 5 fixtures are also quoted by the foot.

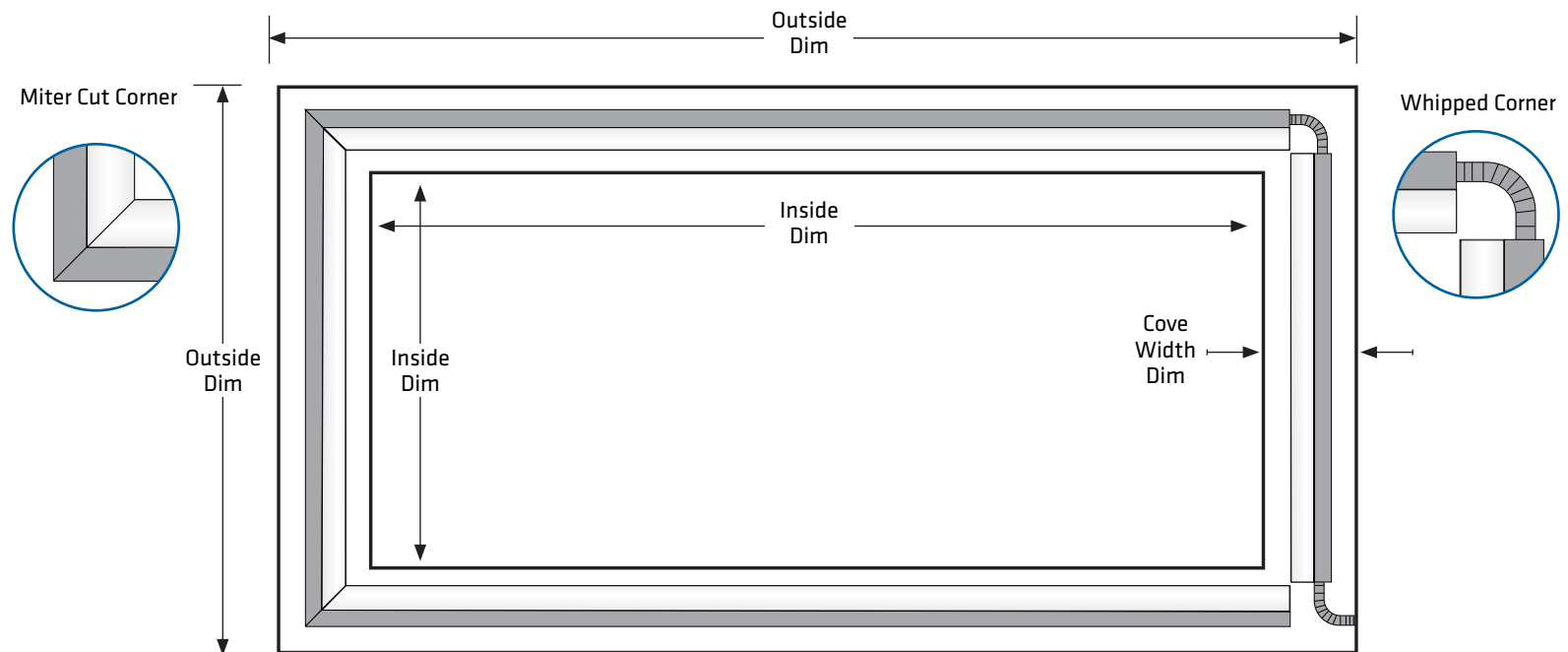


(RP) - RECTANGULAR PATTERN | (SP) - SQUARE PATTERN | (CP) - CUSTOM PATTERN

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

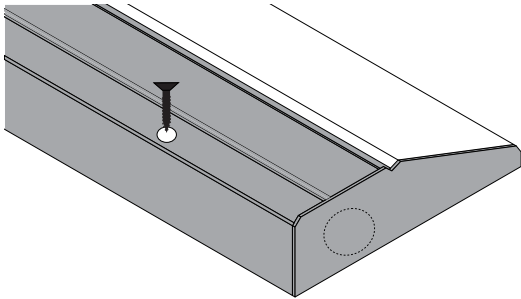


COVE 5 (CV5)

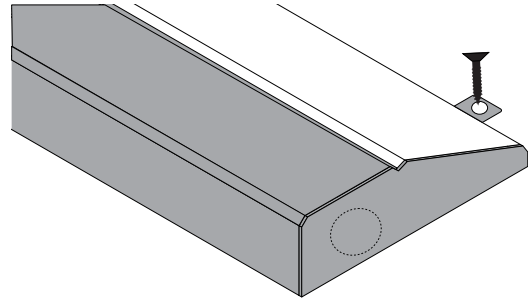
MOUNTING - OPTIONS EM PACKS



MOUNTING



SM - STANDARD MOUNT
(Inside screw mount)



TM - TAB MOUNT
(Optional)

EM PACKS

EM PACKS are pre-installed inside the fixture with test switch also included and pre-installed. Depending on the application, the test switch / charger indicator will be installed on top or side of the fixture. Approximate lumens will vary across lens style. Confirm local code requirements for minimum lumens, foot-candles and operation time. Consult factory for other type of emergency lighting requirements, not shown on this cut sheet.

PART NO.	LUMENS	MAX COVERAGE / EM	APPROX LUMENS	OPERATION TIME
EM5/2/250	500 LUMENS	2' SECTION	250 LM / FT	90 MINUTES
EM5/4/125		4' SECTION	125 LM / FT	
EM5C/(FT)/(LM)		CUSTOM, SPECIFY	CUSTOM, SPECIFY	
EM10/2/500	1000 LUMENS	2' SECTION	500 LM / FT	
EM10/4/250		4' SECTION	250 LM / FT	
EM10C/(FT)/(LM)		CUSTOM, SPECIFY	CUSTOM, SPECIFY	



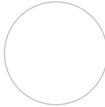
(FT) Specify the section length of the fixture required to be connected to the emergency pack (8' max / EM pack)
(LM) Specify the required approximate lumens per foot of the emergency section.

FINISH

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)



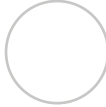
W - WHITE
Standard
(Powder Coat, liquid paint)



B - BLACK
Premium
(Powder Coat)



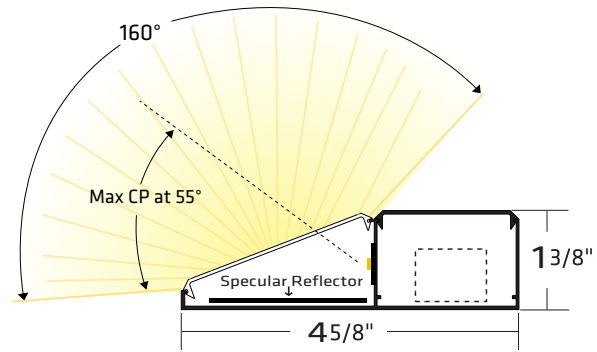
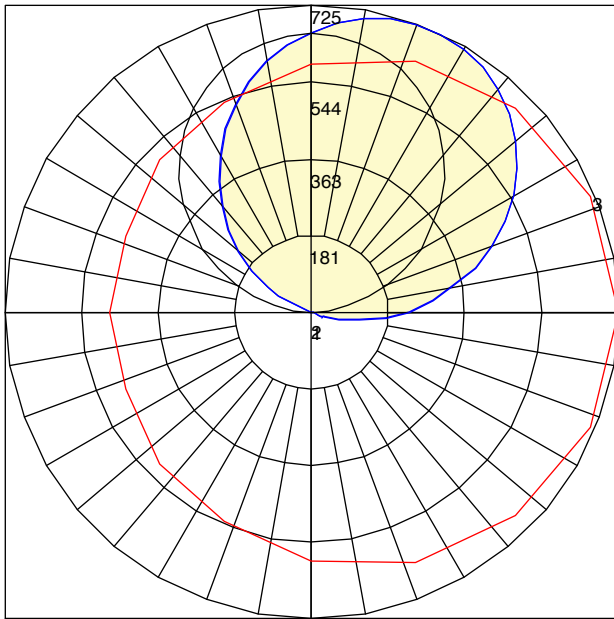
C - CUSTOM COLOR
Premium
(Powder Coat, [Provide RAL#](#))



A - ANTI MICROBIAL
Premium
(Powder Coat White)

FIXTURE LENGTHS

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



CV5-FL
COVE 5 FLAT LENS

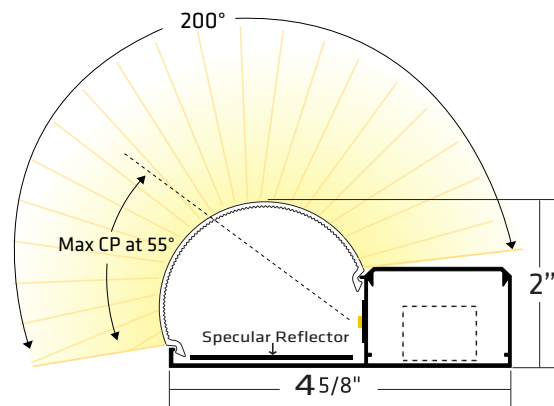
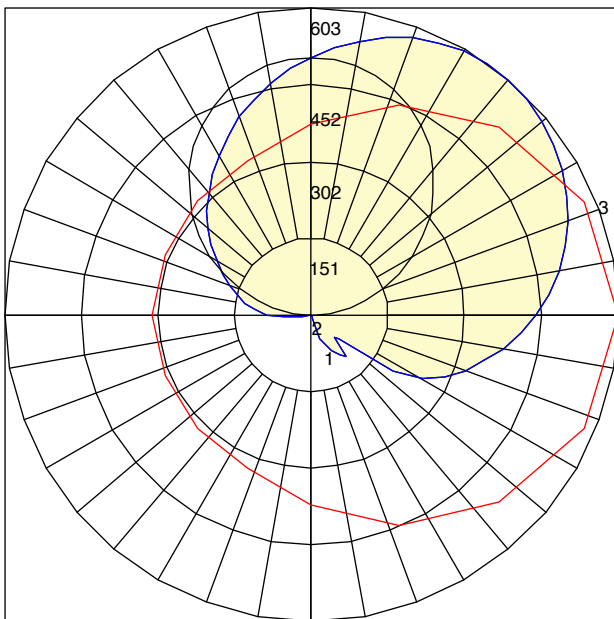
PHOTOMETRIC FILENAME : L022511601-1.IES

Maximum Candela = 725 Located At Horizontal Angle = 0, Vertical Angle = 155

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 (155) (Through Max. Cd.)



CV5-RL
COVE 5 ROUND LENS

PHOTOMETRIC FILENAME : L022511602-1.IES

Maximum Candela = 603 Located At Horizontal Angle = 0, Vertical Angle = 140

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 (140) (Through Max. Cd.)