

COVE 5 (CV5) SERIES

HIGH PERFORMANCE COVE / INDIRECT LIGHTING



PROJECT _____

TYPE _____

NOTES _____

FEATURES

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

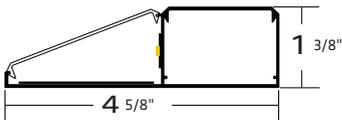
A carefully designed asymmetric light distribution, focusing light in one direction while providing smoother illumination compared to symmetric light distributions.

VERSATILE SOLUTION

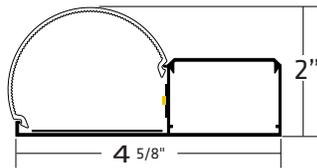
The CV5 is a highly versatile lighting solution, perfectly suited for a wide range of cove and indirect lighting applications.

CUSTOMIZATION

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



CV5-FL



CV5-RL

SERIES	LED TYPE	LUMENS	DRIVER	OPTIONS	ENDCAPS	MOUNTING	FINISH	LENGTH	
CV5 - FL COVE 5 FLAT LENS	STANDARD LED		FOR STANDARD LED		EM PACKS	SM STANDARD MOUNT TB TAB MOUNT (Optional)	S SATIN (Standard) W WHITE (Standard) B BLACK (Premium) C CUSTOM (Premium)	STANDARD	
	27K 2700k	L LOW	UNV0%	0-10V0%	EM1			BEK	2'
	30K 3000k	M MEDIUM	UNV1%	0-10V1%	800 LUMENS			BOTH END K/O	3'
	35K 3500k	H HIGH	UNV10%	0-10V10%	EM2 1400 LUMENS			OEK	4'
40K 4000k	CL CUSTOM LUMENS	UNVCD%	0-10VCD	ONE END K/O		W WHITE (Standard)	5'		
CV5 - RL COVE 5 ROUNDED LENS	SPECIAL LED		FOR SPECIAL LED		SENSORS	BE BLANK ENDCAPS	B BLACK (Premium)	6'	
	R RED	Specify	Refer to driver	MSP BI-LEVEL SENSOR	FD FIELD DRILLED	C CUSTOM (Premium)	7'		
	G GREEN	required	options in				8'		
	B BLUE	lumens	compatibility chart				9'		
	RGBW RGBW	or	or				10'		
	DTW DIM TO WARM	consult factory	consult factory				11'		
TW TUNABLE WHITE			12'						
						A ANTIMICROBIAL (Premium)	CUSTOM Specify		
							PTN Pattern		
Refer to PG. 1,2	Refer to PG. 3	Refer to PG. 3	Refer to PG. 3	Refer to PG. 4	Refer to PG. 4	Refer to PG. 5	Refer to PG. 5	Refer to PG. 6	

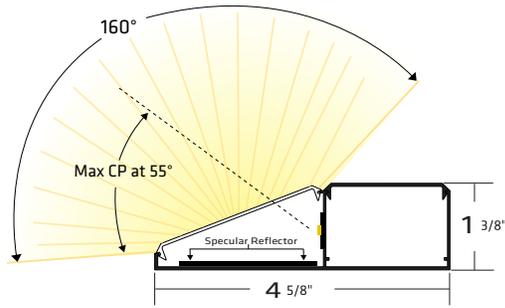


COVE 5 (CV5) SERIES

SERIES - SPECIFICATIONS

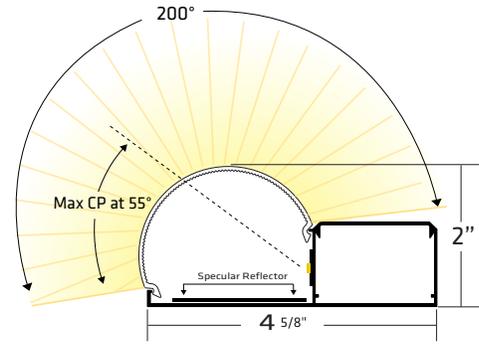


SERIES



CV5-FL

COVE 5 FLAT LENS



CV5-RL

COVE 5 ROUNDED 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 rounded snap on DR acrylic with white frosted finish for widespread and even light distribution.

LED'S

Standard LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K, refer to page 3 for lumen details and options.

Special LED'S red, green, blue, RGBW, Dim to warm, Tunable white, refer to page 3 for details and options.

LED DRIVERS

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

OPTIONS

EM Packs and **Sensors**, refer to page 4 for details and options. Consult factory for other requirements not show.

ENDCAPS

Aluminum, pre-installed, endcaps that match housing finish, 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, refer to page 5 for more details.

FINISH

Clear anodized and powder coated.

Satin and white are standard finishes.

Black, custom colors and antimicrobial white finish are premium colors (additional cost). Refer to page 5 for more details and options.

FIXTURE LENGTHS

Standard, custom lengths and patterns options, refer to page 6 for more details.

WARRANTY

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

COMPLIANCE CERTIFICATIONS



COVE 5 (CV5) SERIES

LED TYPES - DRIVERS



LED TYPES

STANDARD LED'S		DESCRIPTION									
COLOR		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
30K	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
40K	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

(CL) Custom Lumens. Custom and higher lumen available. Higher Kelvin also available, consult factory.

SPECIAL LED'S	DESCRIPTION		LUMENS
R	RED	Static Red LED	Specify Required Lumens or Consult Factory
G	GREEN	Static Green LED	
B	BLUE	Static Blue LED	
RGBW	RGBW	Color Tuning	
DTW	DIM TO WARM	4000k - 1800K	
TW	TUNABLE WHITE	2700k - 6500K	

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	
DALI	Dali Dimming Driver	Dali, Specify Dali Type Required	120/277V	(347V Available)
LTRN	Lutron Dimming Driver	Lutron, Specify Type Required	120/277V	

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

LED TYPES & DRIVERS COMPATIBILITY

STANDARD LED'S	DRIVER						
27K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
30K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
35K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
40K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON

SPECIAL LED'S	DRIVER						
R	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
G	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
B	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
RGBW						DALI	LUTRON
DTW	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON
TW	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON

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

COVE 5 (CV5) SERIES

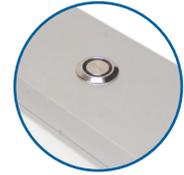
EM PACKS - SENSORS - ENDCAPS



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. Specify or consult factory for other type of emergency lighting requirements.

PART NO.	LUMENS	OPERATION TIME
EM1	800 LUMENS	90 MINUTES
EM2	1400 LUMENS	90 MINUTES



SENSORS

Bi-level motion sensors are pre-installed and need to be programmed in the field, programming instructions are included. Not recommended for cove lighting or any other obstructed areas that doesn't allow the sensor to operate properly. Specify or consult factory for other type of sensors requirements.

PART NO.	DESCRIPTION
MSP	BI-LEVEL MOTION SENSOR



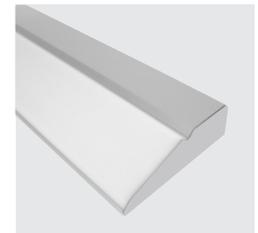
ENDCAPS

Standard endcaps
Aluminum construction and pre-installed
Endcap matches housing finish.

PART NO.	DESCRIPTION
BEK	BOTH ENDS K/O
OEK	ONE END K/O
BE	BLANK ENDCAPS
FD	FIELD DRILL (BLANK ENDS)



K/O ENDCAP



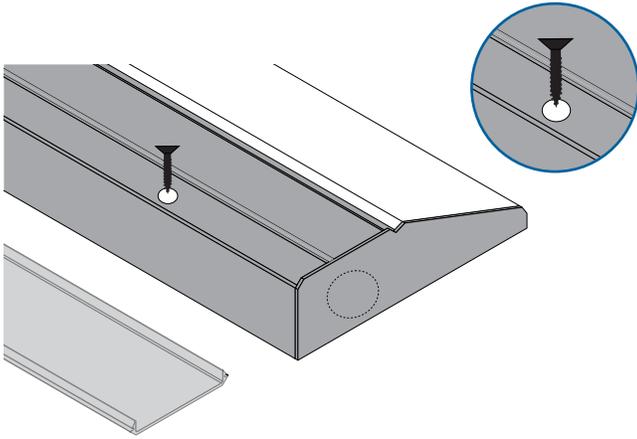
BLANK ENDCAP

COVE 5 (CV5) SERIES

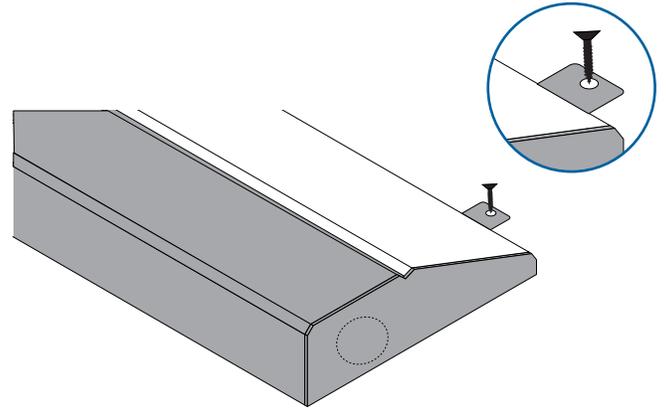
MOUNTING - FINISH



MOUNTING OPTIONS



SM - STANDARD MOUNT
(Inside screw mount)



TM - TAB MOUNT
(Optional)

FINISH OPTIONS

Clear anodized and powder coated.

Satin and white are standard finishes.

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

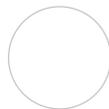
White or satin finishes are recommended for cove or indirect lighting applications.

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
(Clear Anodized, Standard)



W - WHITE
(Powder Coat, Standard)



B - BLACK
(Powder Coat, Premium)



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



A - ANTI MICROBIAL
(Powder Coat White, Premium)

COVE 5 (CV5) SERIES

FIXTURE LENGTHS



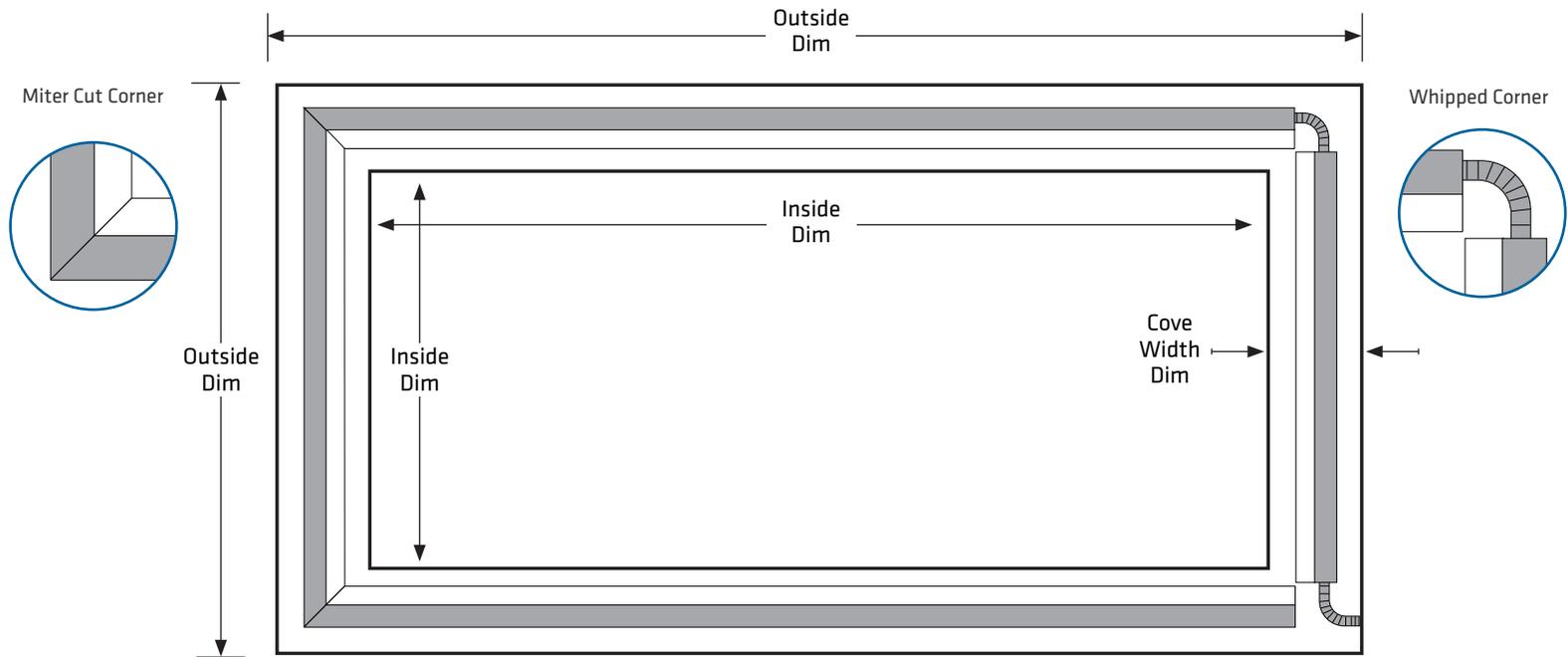
FIXTURE LENGTHS

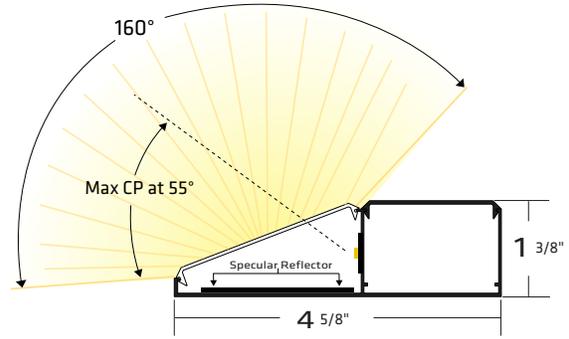
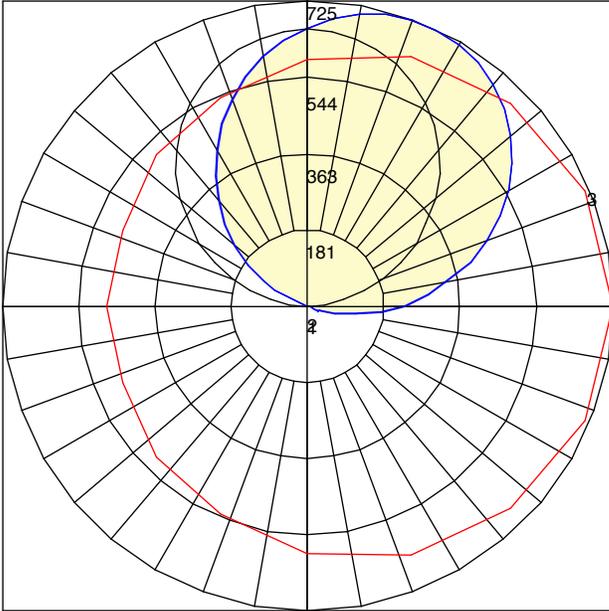
STANDARD	NOMINAL LENGTH	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'
	ACTUAL LENGTH	25"	34"	49"	56"	73"	89"	97"	111"	121"	133"	145"

Up to 12' in one single and continuous housing

CUSTOM Specify the fixture overall length required. Longer lengths are made by connecting multiple fixtures end to end using our joiners.
Consult factory for any other custom lengths specific requirements

PTN **PATTERN** Provide a drawing with dimensions. Select miter cut or whipped corner.
Consult factory for any other pattern specific requirements



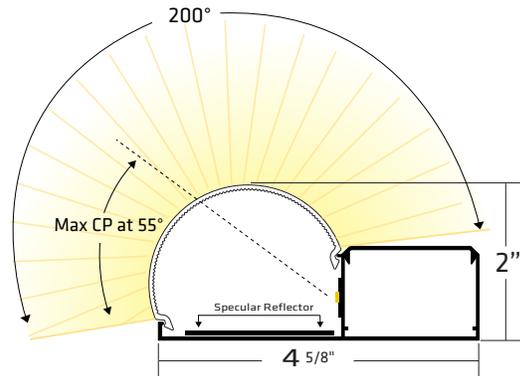
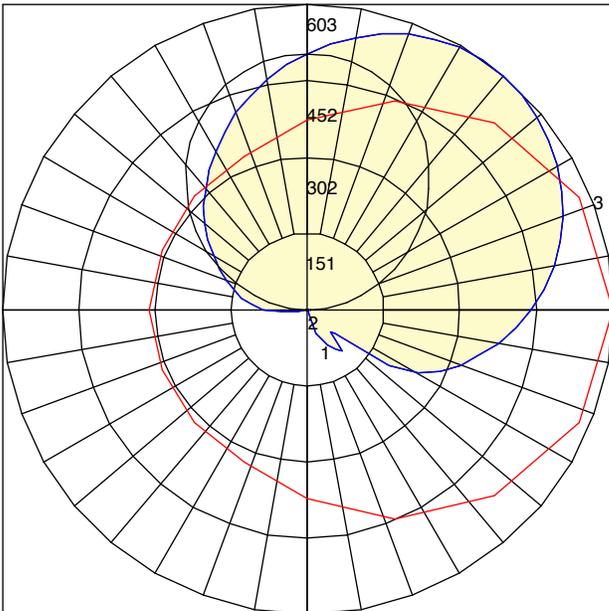


CV5-FL

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 ROUNDED 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.)