

COVE 1 (CV1) SERIES

FIELD CURVABLE COVE / INDIRECT LIGHTING



PROJECT

TYPE

NOTES

FEATURES

DESCRIPTION

Small designs for tight spaces, remote drivers included.

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.

FIELD CURVABLE

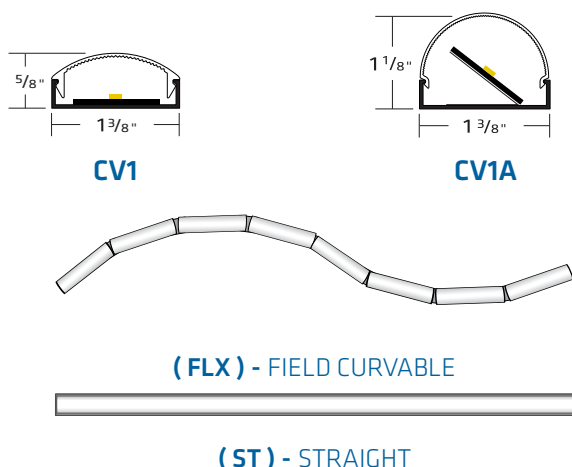
Field curvable feature allows you to shape the fixture to any architectural contour or curve as tight as a 15" radius.

STRAIGHT CONFIGURATION

Continuous straight runs with single or multiple fixtures. Longer runs are made using multiple fixtures.

CUSTOMIZATION

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



SERIES	LED TYPE		LUMENS		DRIVER	CONFIGURATION	MOUNTING	FINISH	LENGTH	
CV1 COVE 1 CV1A COVE 1 ASYMMETRIC	<u>STANDARD LED</u>		<u>FOR STANDARD LED</u>			FLX FIELD CURVABLE ST STRAIGHT PTN STRAIGHT PATTERN	SM STANDARD MOUNT TB TAB MOUNT (Optional)	S SATIN (Standard) W WHITE (Standard) B BLACK (Premium) C CUSTOM (Premium) A ANTIMICROBIAL (Premium)	SPECIFY	
	27K	2700k	L	LOW	UNV0%					0-10V0%
	30K	3000k	M	MEDIUM	UNV1%					0-10V1%
	35K	3500k	H	HIGH	UNV10%					0-10V10%
	40K	4000k	CL	CUSTOM LUMENS	UNVCD%					0-10VCD
				TRIAC	2 WIRE					
				DALI	DALI					
				LTRN	LUTRON					
	<u>SPECIAL LED</u>		<u>FOR SPECIAL LED</u>							
	R	RED		Specify	Refer to driver					
G	GREEN		required	options in						
B	BLUE		lumens	compatibility chart						
RGBW	RGBW		or	or						
DTW	DIM TO WARM		consult factory	consult factory						
TW	TUNABLE WHITE									
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. 4,5		

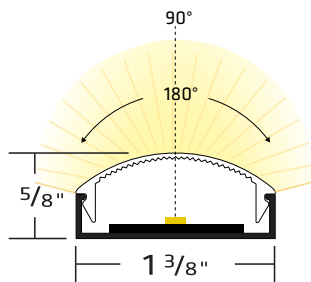


COVE 1 (CV1) SERIES

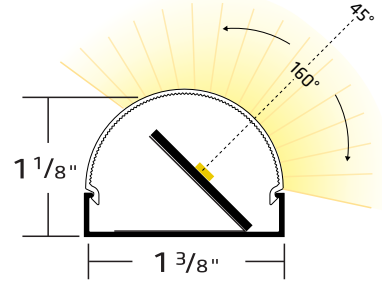
SERIES - SPECIFICATIONS



SERIES



CV1
COVE 1



CV1A
COVE 1 ASYMMETRIC

SPECIFICATIONS

HOUSING

High quality extruded aluminum housing.

LENS

Extruded semi-rounded and rounded snap on DR acrylic with white frosted finish for widespread even distribution.

LED'S

Standard LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K, refer to page 5 for lumen details and options.

Special LED'S red, green, blue, RGBW, Dim to warm, Tunable white, refer to page 5 for details and options.

LED DRIVERS (Remote)

Remote driver with enclosure included, universal voltage (120/277), 0-1 0V with custom program dimming options, Triac, Dali, Lutron, 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.

(PTN) Straight patterns are made with multiple straight fixtures. Refer to page 5 for more details.

MOUNTING

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

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

FIXTURE LENGTHS

Custom lengths, specify the overall length required. Refer to pages 4,5 and 7 for more details on fixture lengths.

LEADWIRE

Pre-Wired 5' SJT standard. Longer available, refer to page 7 for details.

COMPLIANCE CERTIFICATIONS



COVE 1 (CV1) 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 (Remote only, drivers with enclosure are included)

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							
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 1 (CV1) SERIES

FIELD CURVABLE - CONFIGURATION



(FLX) - FLEXIBLE, FIELD CURVABLE

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

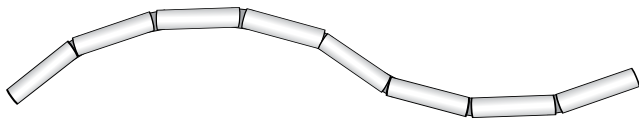
Cove or fixture overall length measurements are required.

Fixtures are shipped pre-wired and pre-assembled

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

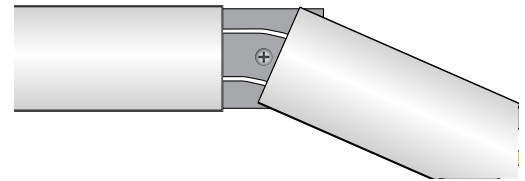
This system is quoted by the foot and not by fixtures or modules.

TOP VIEW

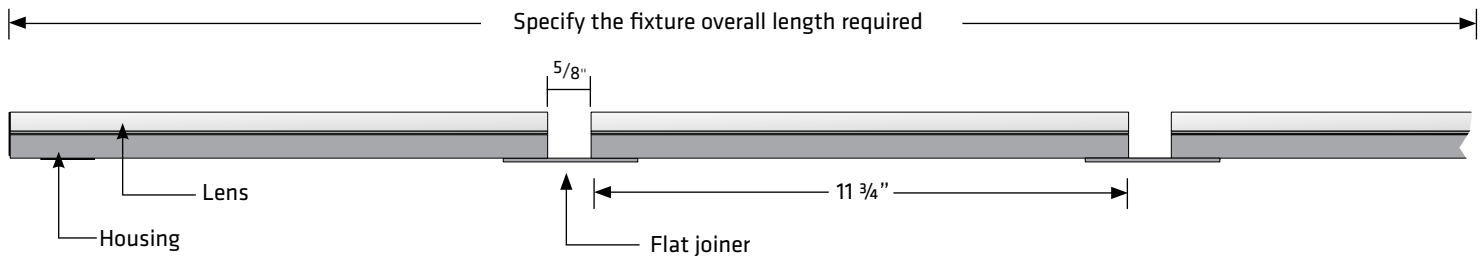


(The number of modules / fixture varies from 1 to 8 max)

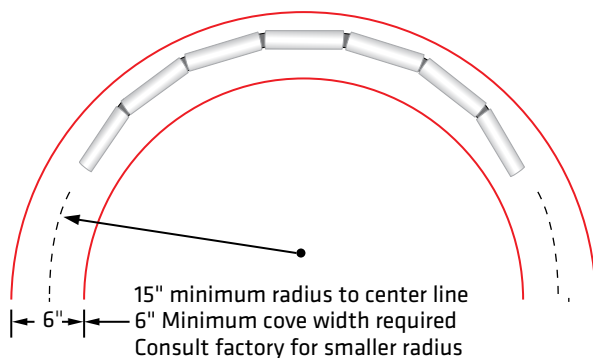
FLAT JOINER



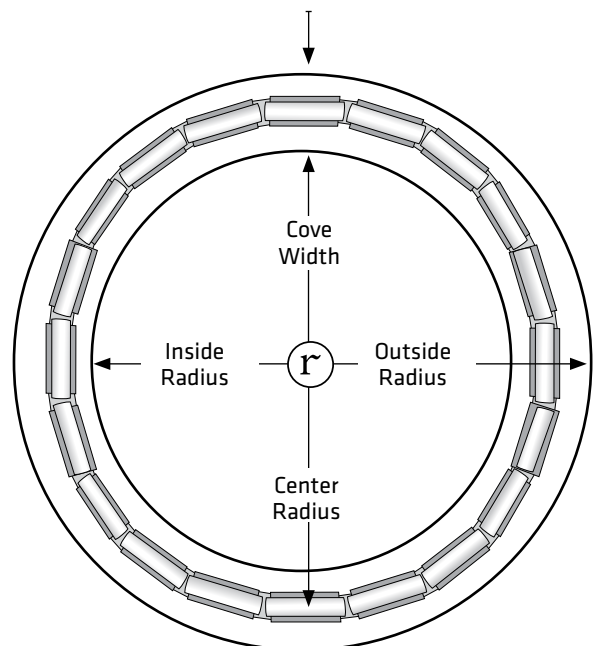
SIDE VIEW



MINIMUM RADIUS
AND COVE REQUIREMENTS



* REQUIRED MEASUREMENTS
FOR COMPLETE CIRCLES



COVE 1 (CV1) SERIES

STRAIGHT - CONFIGURATION



(ST) - STRAIGHT

ST configurations is for straight fixtures.

Longe runs are made in the field by connecting multiple fixtures.

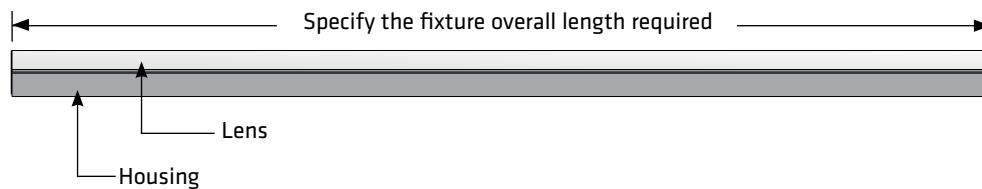
The number of fixtures per run can vary depending on the lumens, watts, and overall run length of fixture and or cove requirements.

Straight fixtures are also quoted by the foot.

TOP VIEW



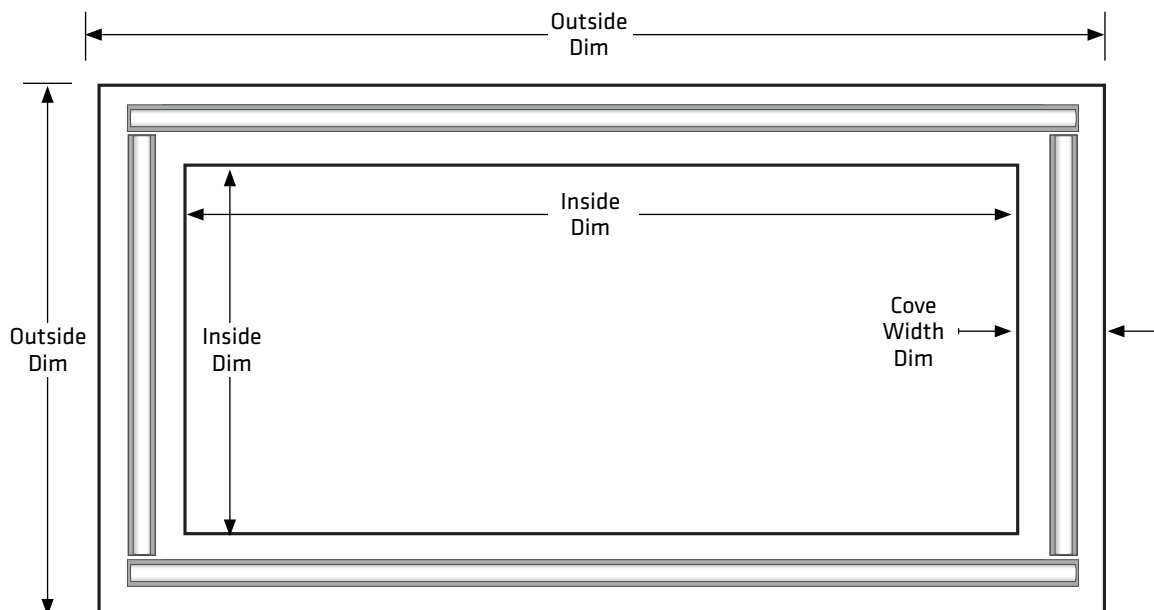
SIDEVIEW



(PTN) - STRAIGHT PATTERNS

Straight patterns are made with multiple straight fixtures.

A drawing with dimensions for straight patterns is required.

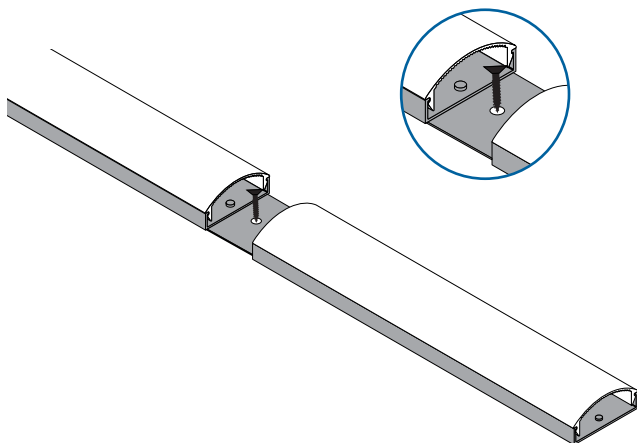


COVE 1 (CV1) SERIES

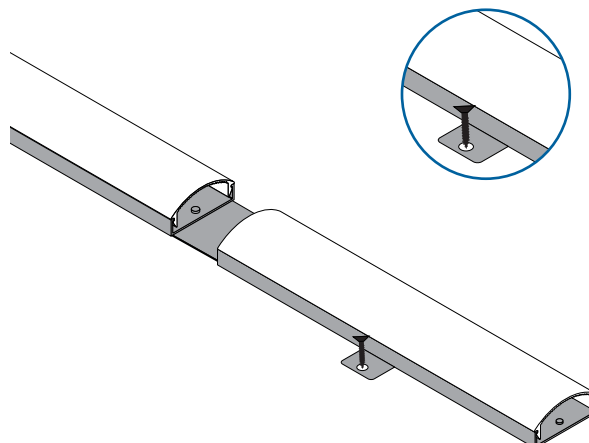
MOUNTING - FINISH



(FLX) - MOUNTING OPTIONS

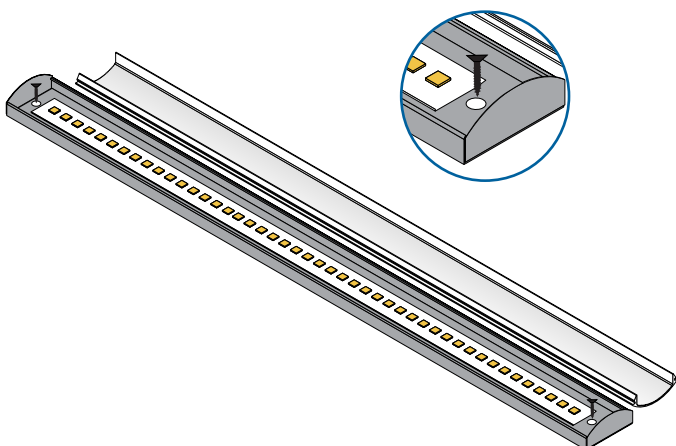


SM - STANDARD MOUNT

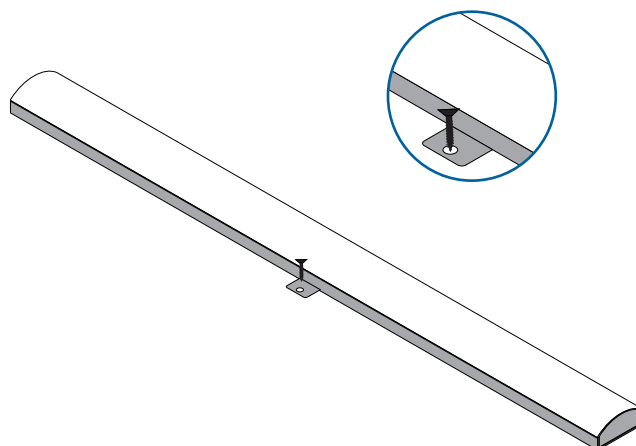


TM - TAB MOUNT
(Optional)

(ST) - MOUNTING OPTIONS



SM - STANDARD 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 1 (CV1) SERIES

FIXTURE LENGTHS - LAYOUT

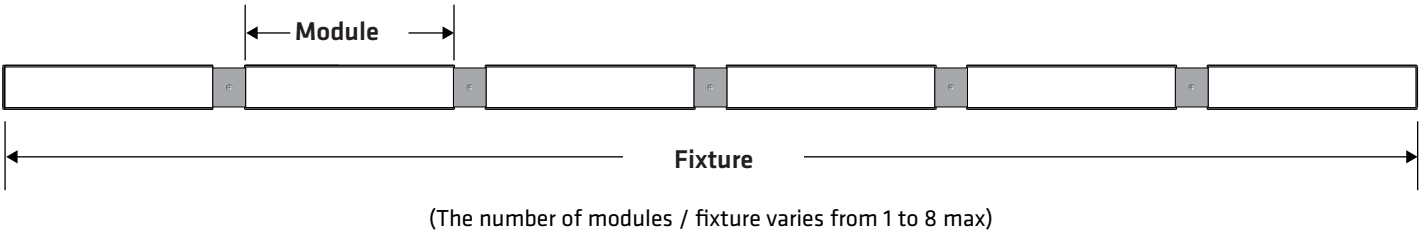
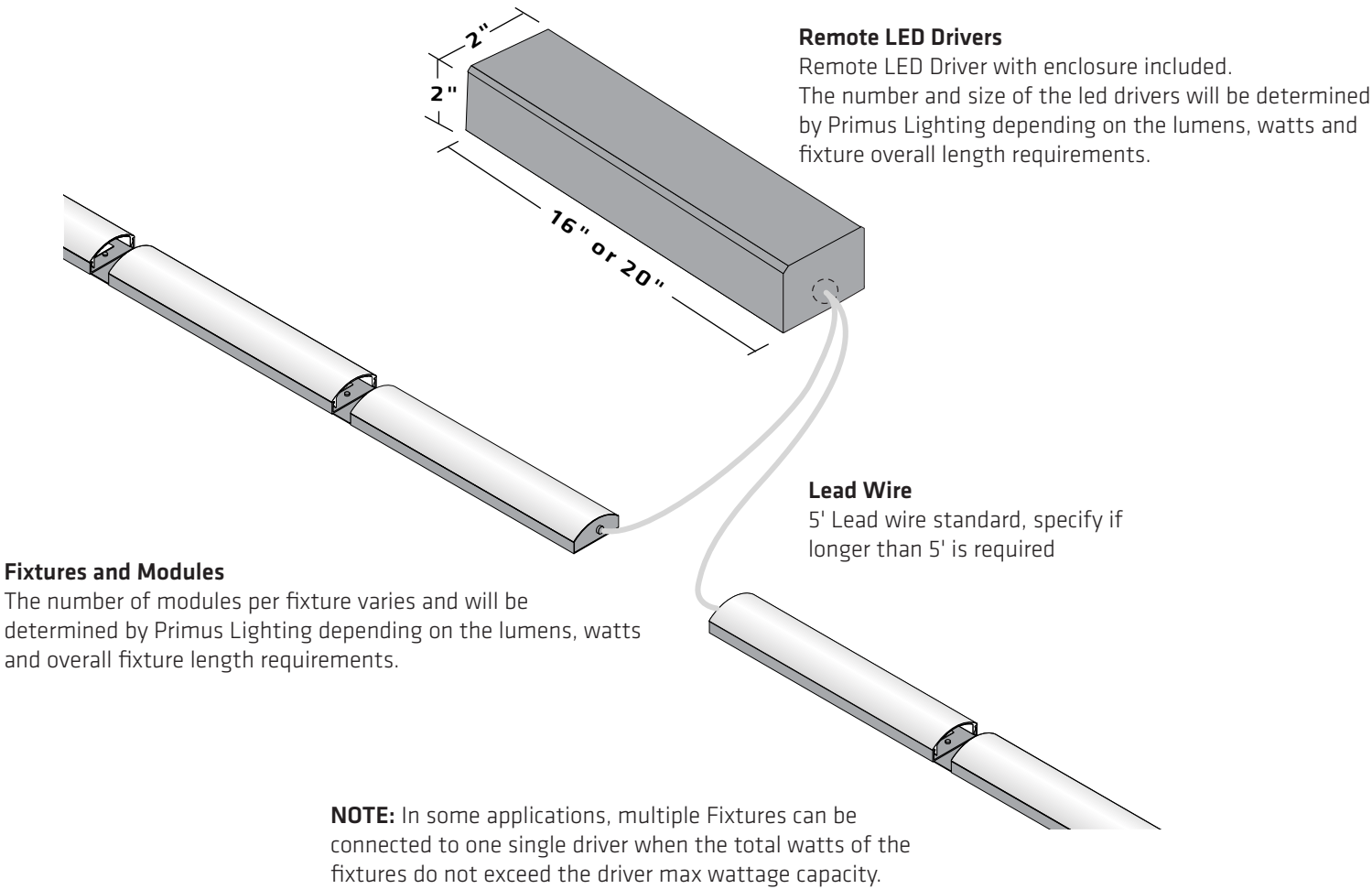


FIXTURE LENGTHS

(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
(PTN)	STRAIGHT PATTERN	Provide a drawing with dimensions, refer to page 5 for required dimensions

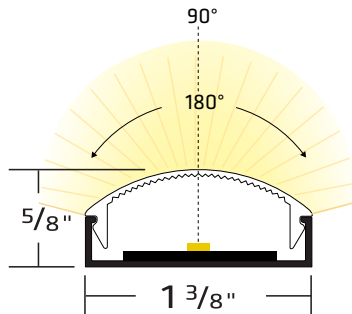
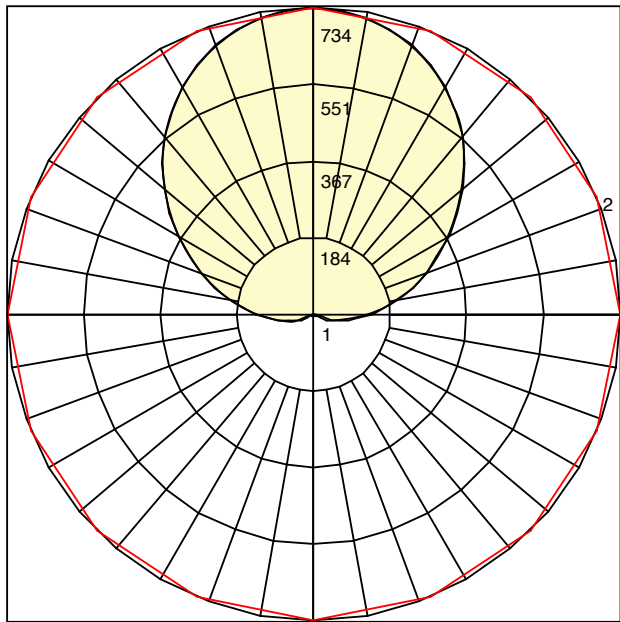
LAYOUT

See LED Drivers and fixtures layout below, this information applies to both configurations (ST) - Straight and (FLX) - Field Curvable fixtures.



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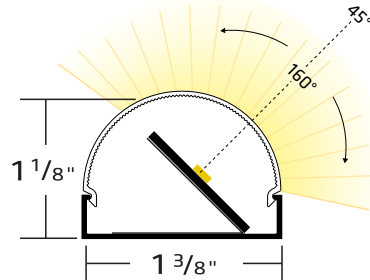
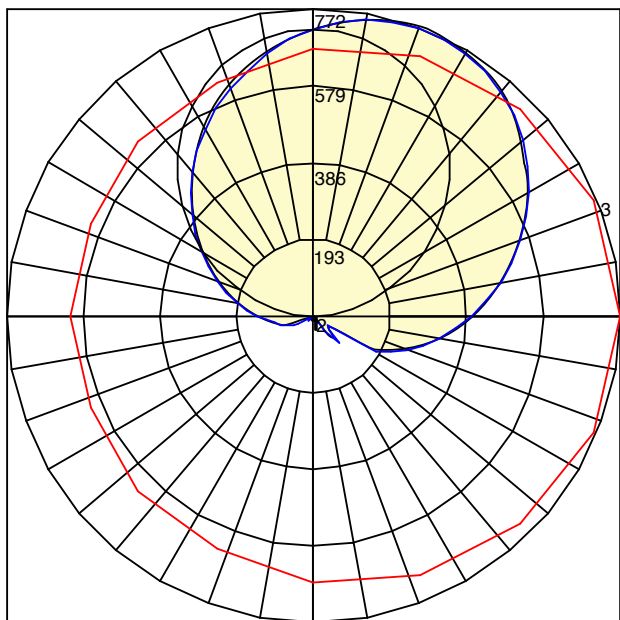
PHOTOMETRICS



CV1
COVE 1

PHOTOMETRIC FILENAME : L022511401.IES

Maximum Candela = 734 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.)



CV1A
COVE 1 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.)