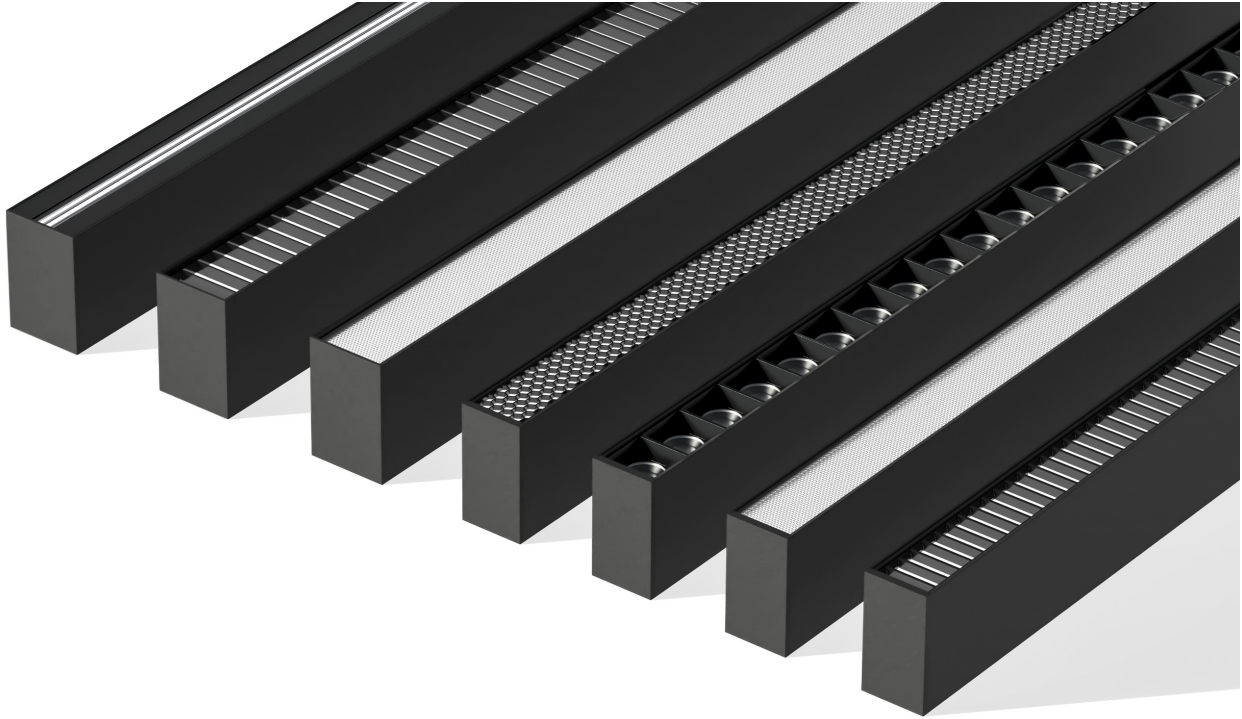


## FLEX LINE VOLTAGE



The Mercury Lighting **FLEX LV** is an advanced illumination solution designed for versatility, efficiency, and ease of customization. This system consists of interconnected linear LED modules that can be configured in various shapes, lengths, and orientations to meet diverse architectural and functional lighting needs.

### KEY FEATURES

#### MODULAR DESIGN

Individual light segments can be combined or rearranged to create custom layouts, ensuring adaptability to different spaces and applications.

#### ENERGY EFFICIENCY

Utilizing high-performance LED technology, it offers superior illumination with reduced power consumption.

#### DIMMABILITY & CONTROLS

Compatible with various dimming protocols and smart lighting controls for precise brightness adjustments and dynamic lighting effects.

#### SEAMLESS INTEGRATION

Available in recessed, surface-mounted, and suspended configurations to complement modern interiors.

#### MULTIPLE COLOR TEMPERATURES & CRI OPTIONS

Offers a range of color temperatures and high CRI (Color Rendering Index) options to enhance visual comfort and accuracy.

#### APPLICATIONS

Commercial Spaces: Offices, retail stores, and hospitality environments benefit from its adaptability and aesthetic appeal.

This innovative lighting system delivers both form and function, making it an ideal choice for designers, architects, and lighting professionals seeking a modern, scalable solution.

Fixture type:

Job information:

## MATERIAL

Extruded aluminum / powder coat finish

## STANDARD COLORS

White / Black

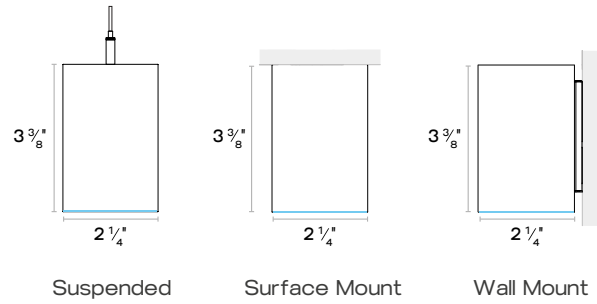
## SOURCE INFORMATION

INPUT VOLTAGE	120V-277V
CRI	90
COLOR TEMP	2700/3000/3500/4000K
IP	20

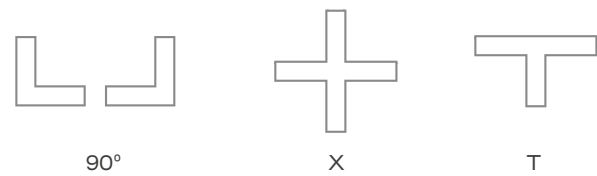
## DRIVERS

0-10V standard

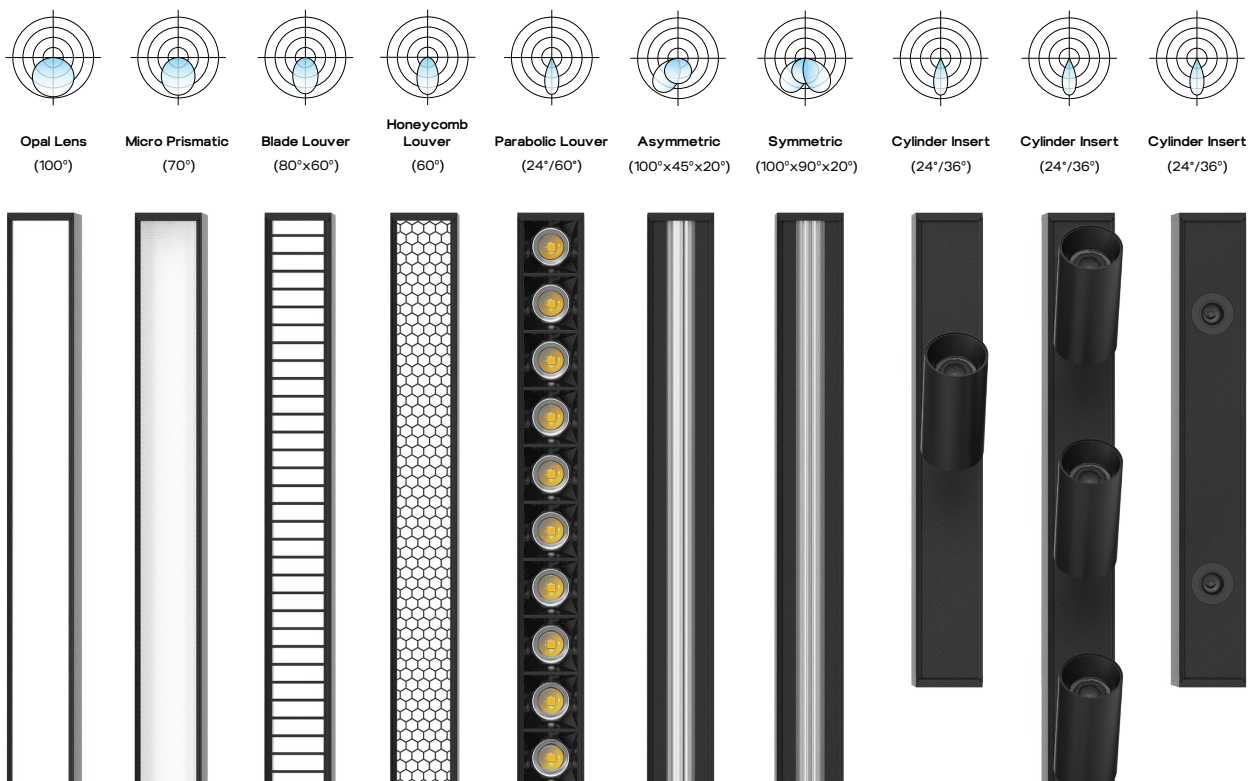
## MOUNTING



## CONNECTORS



## SHIELDING OPTIONS



## PRODUCT DEFINITION SHEET



1	2	3	4	5	6
7	8	9	10		

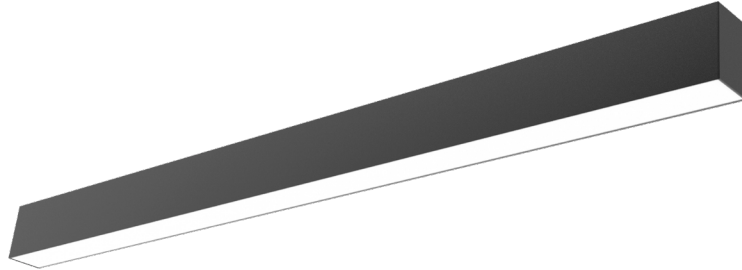
1	2	3
SERIES	CHANNEL LENGTH	MOUNTING
<input type="checkbox"/> FLXLV	<input type="checkbox"/> 2ft 24' Length <input type="checkbox"/> 4ft 48' Length <input type="checkbox"/> 6ft 72' Length <input type="checkbox"/> 8ft 96' Length  Custom or Row Length. 24' and above in 24' increments.	<input type="checkbox"/> M Suspended Cable Mount <input type="checkbox"/> M1 Surface Mount <input type="checkbox"/> WMD Wall mount

4	5	6
INSERTS	FINISH	COLOR TEMP
<input type="checkbox"/> OL Opal Lens (100°) <input type="checkbox"/> MP Micro Prismatic (70°) <input type="checkbox"/> BL Blade Louver (80°x60°) <input type="checkbox"/> HL Honeycomb Louver (60°) <input type="checkbox"/> PL24 Parabolic Louver (24°) <input type="checkbox"/> PL60 Parabolic Louver (60°) <input type="checkbox"/> AS Asymmetric (100°x45°x20°) <input type="checkbox"/> SY Symmetric (100°x90°x20°) <input type="checkbox"/> CI124 Cylinder Insert 1.65' (24°) <input type="checkbox"/> CI136 Cylinder Insert 1.65' (36°) <input type="checkbox"/> CI224 Cylinder Insert 2' (24°) <input type="checkbox"/> CI236 Cylinder Insert 2' (36°) <input type="checkbox"/> CIT24 Cylinder Insert Triple (24°) <input type="checkbox"/> CIT36 Cylinder Insert Triple (36°) <input type="checkbox"/> CID24 Cylinder Insert Double (24°) <input type="checkbox"/> CID36 Cylinder Insert Double(36°)	<input type="checkbox"/> <input type="checkbox"/> W White <input type="checkbox"/> <input type="checkbox"/> B Black <input type="checkbox"/> <input type="checkbox"/> C Custom  Custom powder coat color matching is available for a setup fee.  Consult Mercury Lighting for additional information.	90 CRI <input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K

7	8
DRIVER	VOLTAGE
<input type="checkbox"/> 0-10V 0-10V Universal Voltage Integral Driver	<input type="checkbox"/> UNIV 120V-277V

9	10
HANGING ACCESSORIES	SENSORS
<input type="checkbox"/> R5PF-100 Round 5' power feed canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> S5PF100 Square 5' power feed canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> R5-100 Round 5' canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> R2-100 Round 2' canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> S5-100 Square 5' canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> S2-100 Square 2' canopy, Hanging hardware, 100' long 1/16" cable. <input type="checkbox"/> RP5-24 Round 5'canopy, Hanging hardware, 24' long 1/2' dia. stem. <input type="checkbox"/> SP5-24 Square 5'canopy, Hanging hardware, 24' long 1/2' dia. stem.	<input type="checkbox"/> S1 Philips EasySense (SNS 210- Blue Tooth) <input type="checkbox"/> S11 Enlighted Micro (SU5ECL) <input type="checkbox"/> S12 Lutron Athena Node (Color-White) <input type="checkbox"/> S13 Lutron Athena Node (Color-Black) <input type="checkbox"/> S14 Lutron Athena Sensor (Color-White) <input type="checkbox"/> S15 Lutron Athena Sensor (Color-Black) <input type="checkbox"/> 017 Leviton PIR ZLS05-ILW

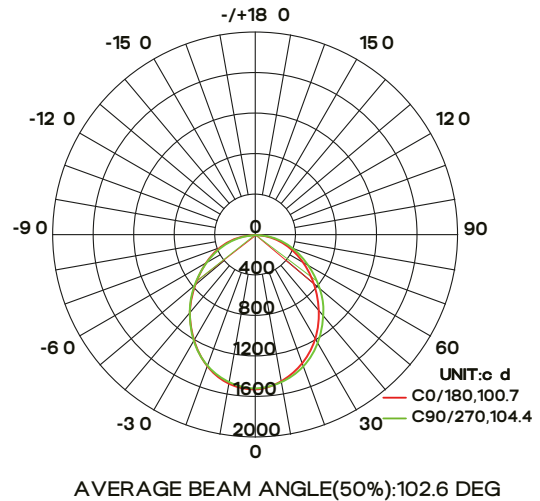
OPAL LENS (OL)



## LUMINAIRE SPECIFICATIONS

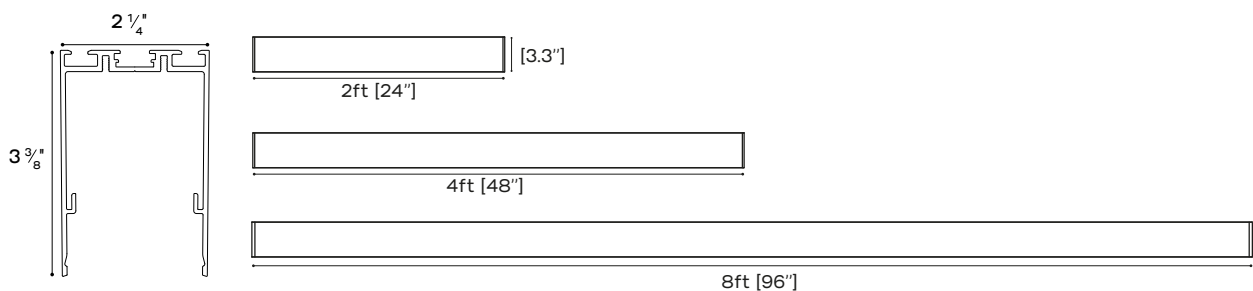
Module Length	W/ft	CCT	90 CRI
			lm/ft
2Ft	8.6	2700K	753
		3000K	770
		3500K	790
		4000K	825
		TW-3000K	766
		TW-4300K	812
		TW-6500K	773
4Ft	8.6	2700K	753
		3000K	770
		3500K	790
		4000K	825
		TW-3000K	765
		TW-4300K	810
		TW-6500K	773
8Ft	8.6	2700K	755
		3000K	770
		3500K	790
		4000K	825
		TW-3000K	770
		TW-4300K	810
		TW-6500K	774

## PHOTOMETRICS



Based on a 4' module

## DIMENSIONS



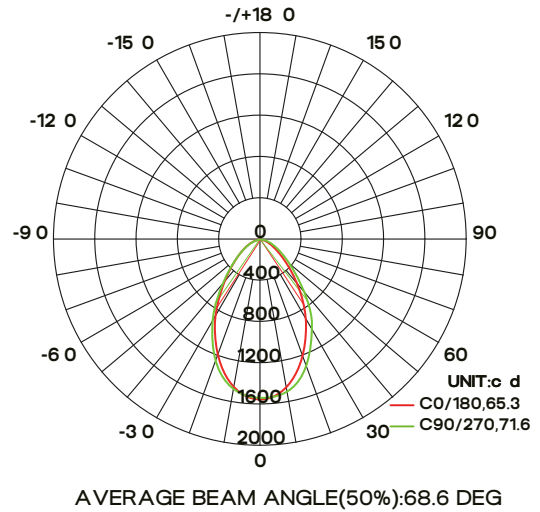
## MICRO PRISMATIC (MP)



### LUMINAIRE SPECIFICATIONS

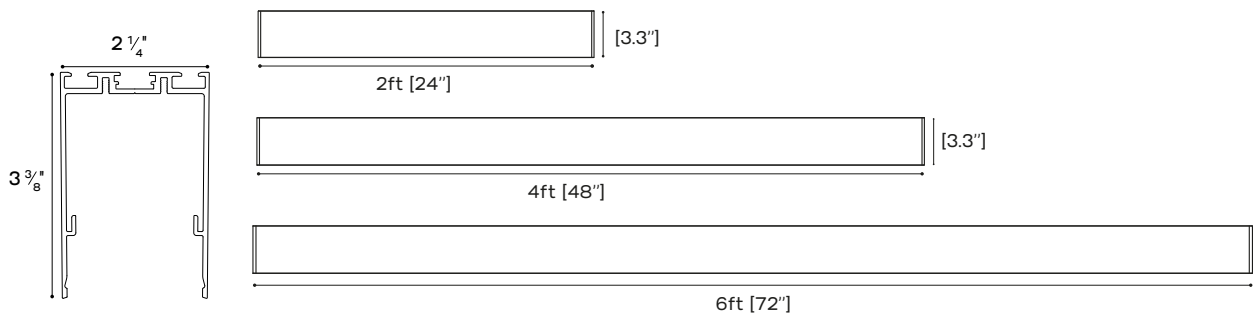
Module Length	W/ft	CCT	90 CRI
			lm/ft
2Ft	7.1	2700K	490
		3000K	500
		3500K	510
		4000K	530
		TW-3000K	460
		TW-4300K	510
		TW-6500K	480
4Ft	7.1	2700K	490
		3000K	500
		3500K	510
		4000K	530
		TW-3000K	460
		TW-4300K	520
		TW-6500K	490
6Ft	6.7	2700K	460
		3000K	470
		3500K	480
		4000K	500
		TW-3000K	440
		TW-4300K	490
		TW-6500K	470

### PHOTOMETRICS

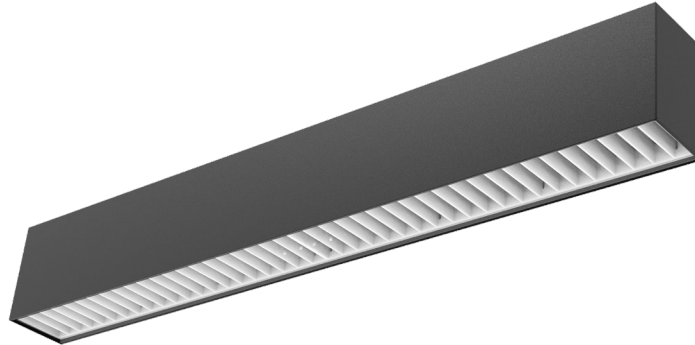


Based on a 4' module

### DIMENSIONS



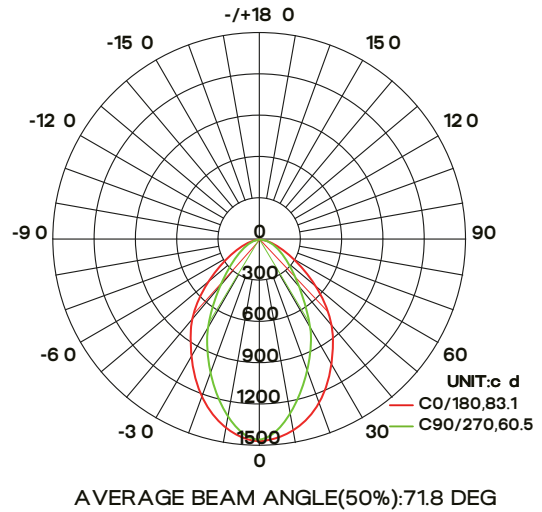
## BLADE LOUVER (BL)



### LUMINAIRE SPECIFICATIONS

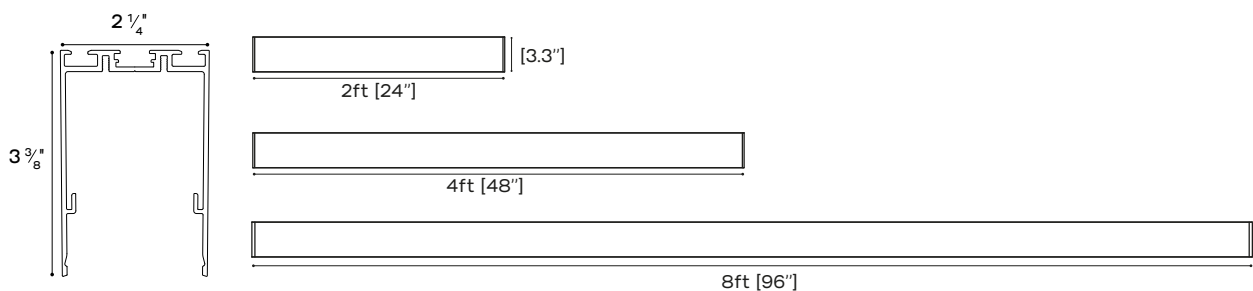
Module Length	W/ft	CCT	90 CRI
			lm/ft
2Ft	8.6	2700K	440
		3000K	450
		3500K	460
		4000K	480
		TW-3000K	380
		TW-4300K	440
4Ft	8.6	TW-6500K	410
		2700K	440
		3000K	450
		3500K	460
		4000K	480
		TW-3000K	380
8Ft	8.6	TW-4300K	440
		TW-6500K	410
		2700K	570
		3000K	450
		3500K	460
		4000K	480
		TW-3000K	380
TW-4300K	440		
TW-6500K	410		

### PHOTOMETRICS

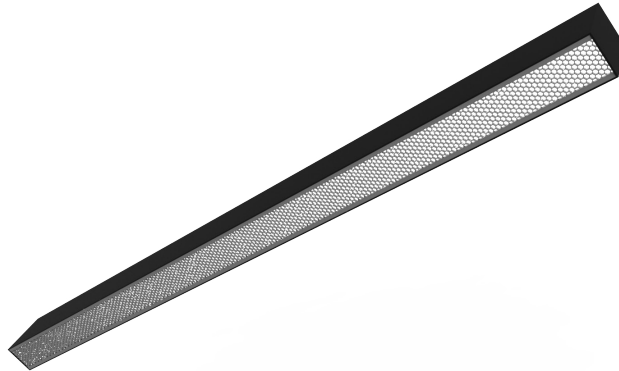


Based on a 4' module

### DIMENSIONS



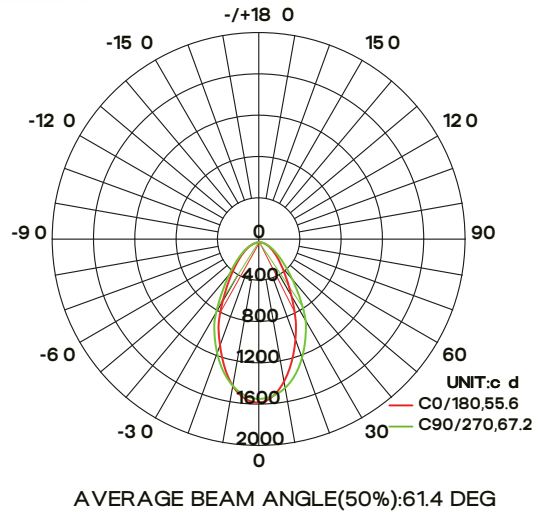
## HONEYCOMB LOUVER (HL)



### LUMINAIRE SPECIFICATIONS

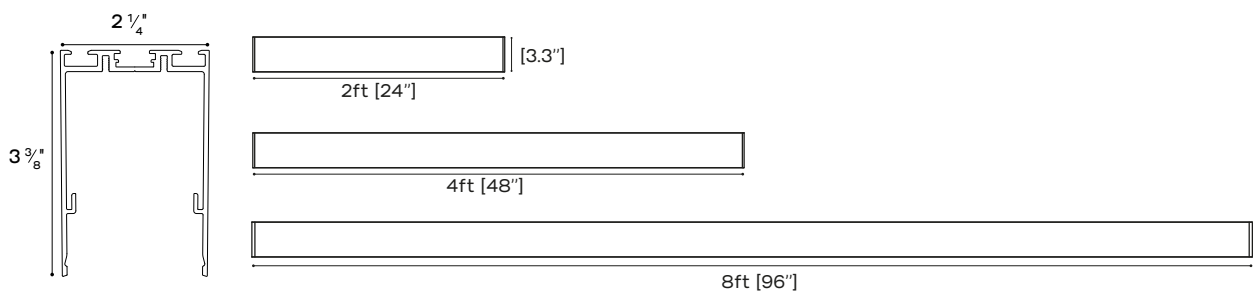
Module Length	W/ft	CCT	90 CRI
			lm/ft
2Ft	8.6	2700K	400
		3000K	410
		3500K	420
		4000K	430
		TW-3000K	360
		TW-4300K	420
		TW-6500K	380
4Ft	8.6	2700K	400
		3000K	410
		3500K	420
		4000K	430
		TW-3000K	360
		TW-4300K	420
		TW-6500K	380
8Ft	8.6	2700K	390
		3000K	400
		3500K	410
		4000K	420
		TW-3000K	360
		TW-4300K	415
		TW-6500K	380

### PHOTOMETRICS

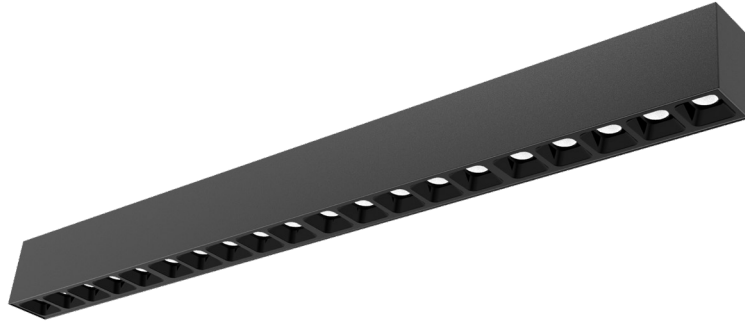


Based on a 4' module

### DIMENSIONS



## PARABOLIC LOUVER (PL24 & PL60)

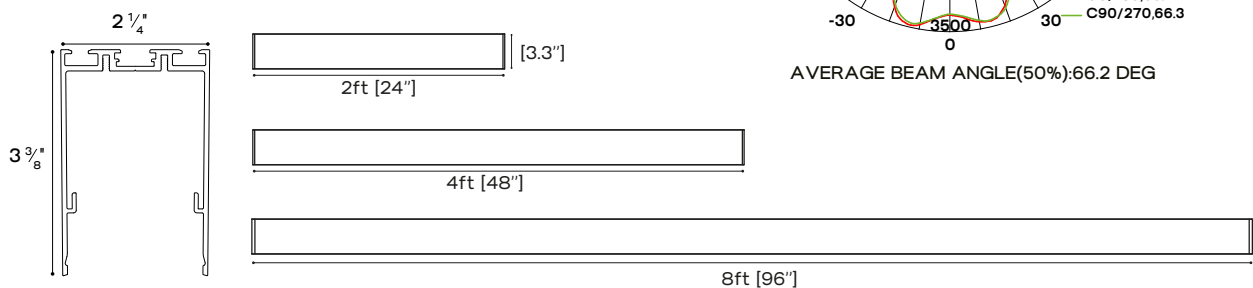


### LUMINAIRE SPECIFICATIONS

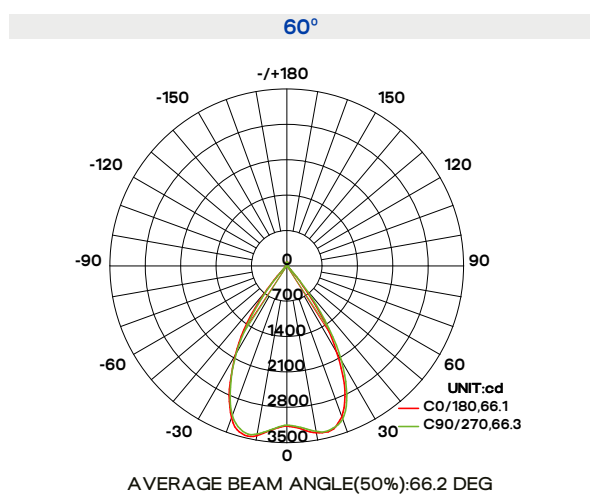
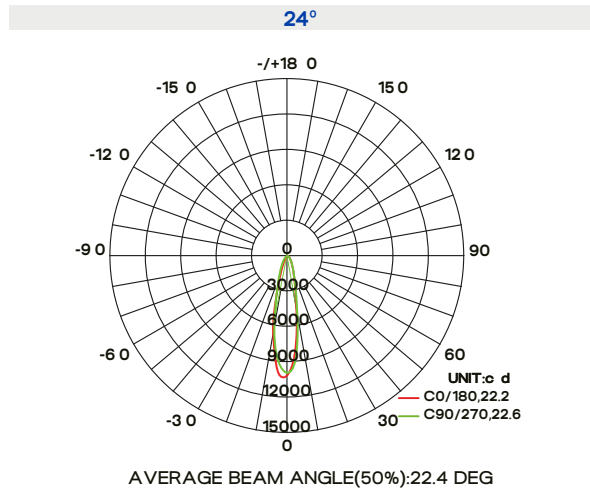
Module Length	W/ft	CCT	90 CRI
			lm/ft
2Ft	6.1	2700K	440
		3000K	450
		3500K	460
		4000K	480
		TW-3000K	370
		TW-4000K	500
4Ft	6.35	2700K	460
		3000K	470
		3500K	480
		4000K	500
		TW-3000K	380
		TW-4000K	510
8Ft	6.35	2700K	460
		3000K	470
		3500K	480
		4000K	500
		TW-3000K	380
		TW-4000K	510
		TW-6500K	435

Based on a 4' module

### DIMENSIONS



### PHOTOMETRICS





ASYMMETRIC (AS) & SYMMETRIC (SY)



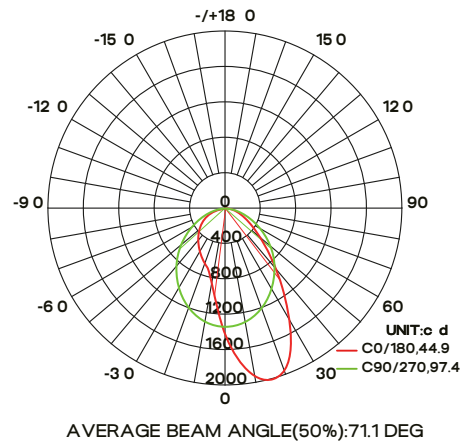
### LUMINAIRE SPECIFICATIONS

Module Length	W/ft	CCT	90 CRI
			lm/ft
4Ft	7.1	2700K	645
		3000K	660
		3500K	680
		4000K	710
		TW-3000K	790
		TW-4000K	812
		TW-6500K	720
6Ft	6.7	2700K	620
		3000K	640
		3500K	650
		4000K	670
		TW-3000K	750
		TW-4300K	770
		TW-6500K	683
8Ft	7.1	2700K	640
		3000K	660
		3500K	680
		4000K	710
		TW-3000K	790
		TW-4300K	810
		TW-6500K	720

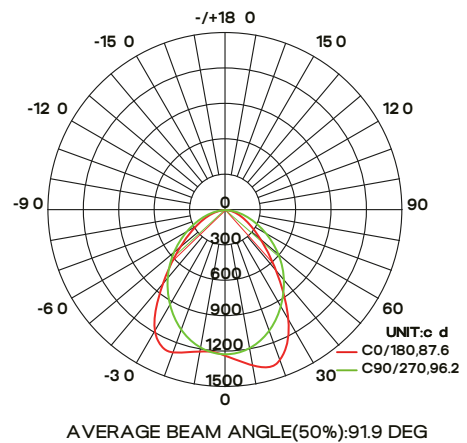
Based on a 4' module

### PHOTOMETRICS

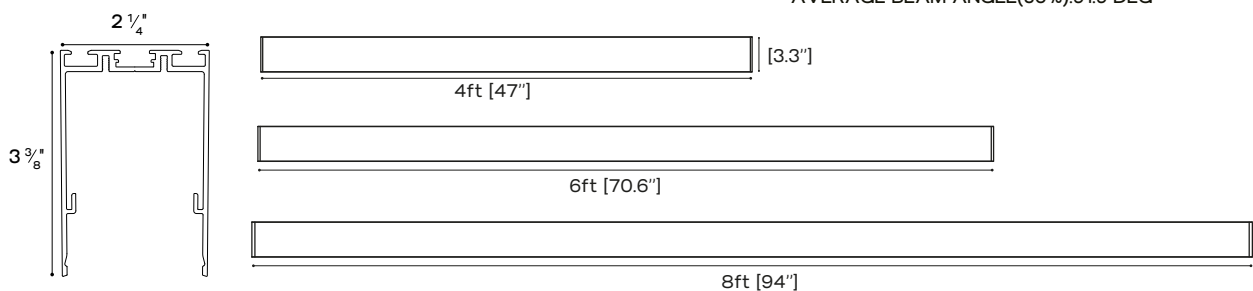
#### ASYMMETRIC



#### SYMMETRIC



### DIMENSIONS



## CYLINDER INSERT

### CI124 & CI136



### CI224 & CI236



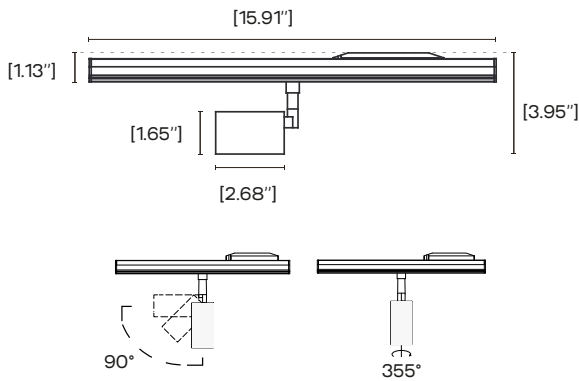
## LUMINAIRE SPECIFICATIONS

Module Length	W	CCT	90 CRI	Beam Angle
			lm	
16"	8.0	3000K	410	24°
		3500K	425	
		4000K	440	
		3000K	520	36°
		3500K	545	
		4000K	560	

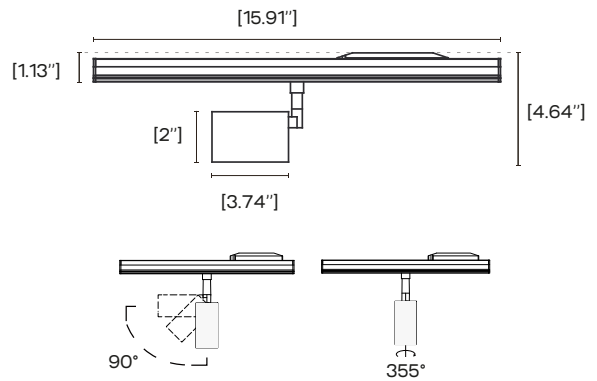
## LUMINAIRE SPECIFICATIONS

Module Length	W	CCT	90 CRI	Beam Angle
			lm	
16"	8.0	3000K	485	24°/36°
		3500K	505	
		4000K	520	

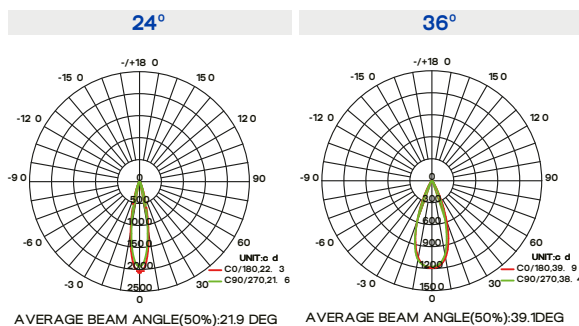
## DIMENSIONS



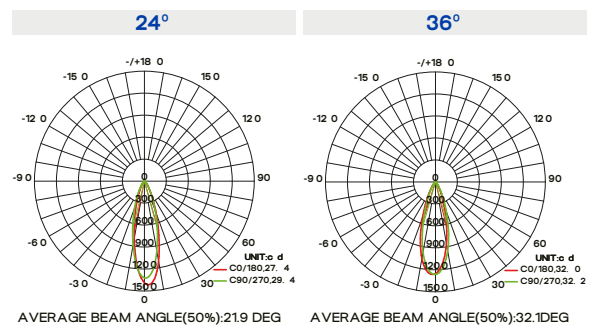
## DIMENSIONS



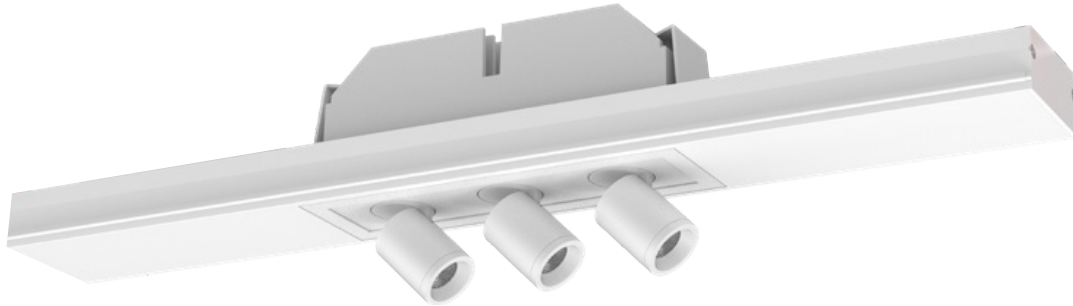
## PHOTOMETRICS



## PHOTOMETRICS



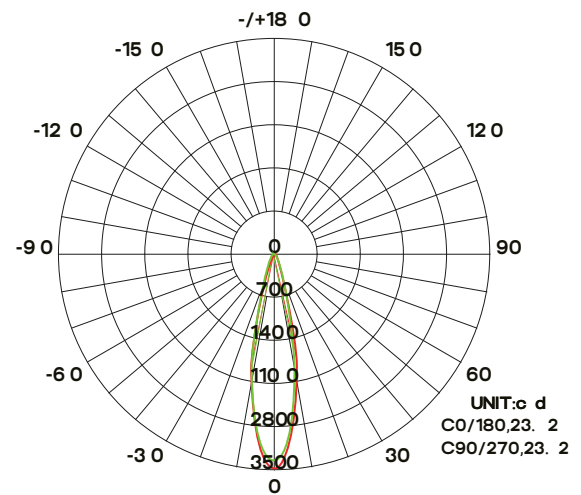
CYLINDER INSERT (CIT24 & CID36)



### LUMINAIRE SPECIFICATIONS

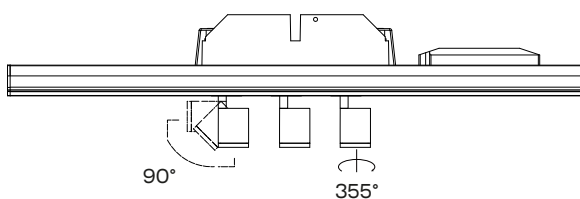
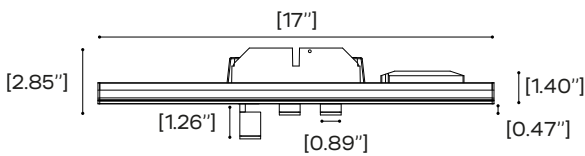
Module Length	W	CCT	90 CRI	Beam Angle
			lm	
17'	9.0	3000K	690	24°/36°
		3500K	700	
		4000K	720	

### PHOTOMETRICS



AVERAGE BEAM ANGLE(50%):23.2 DEG

### DIMENSIONS



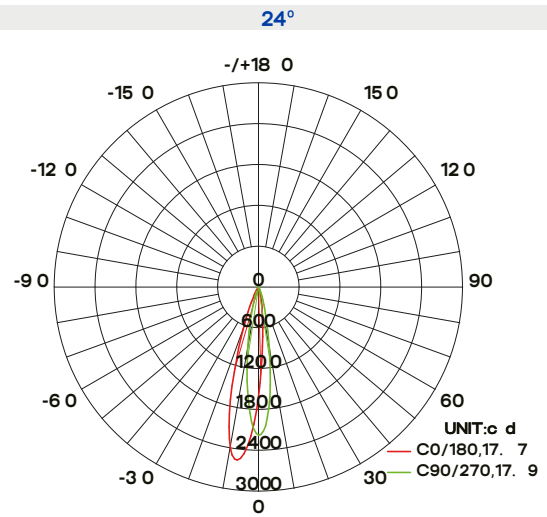
CYLINDER INSERT (CID24 & CID36)



### LUMINAIRE SPECIFICATIONS

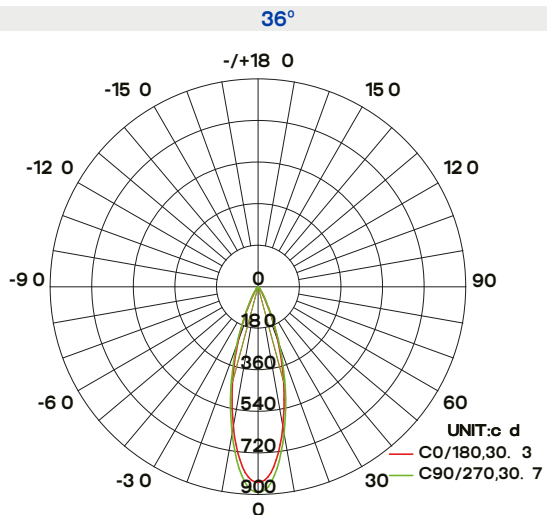
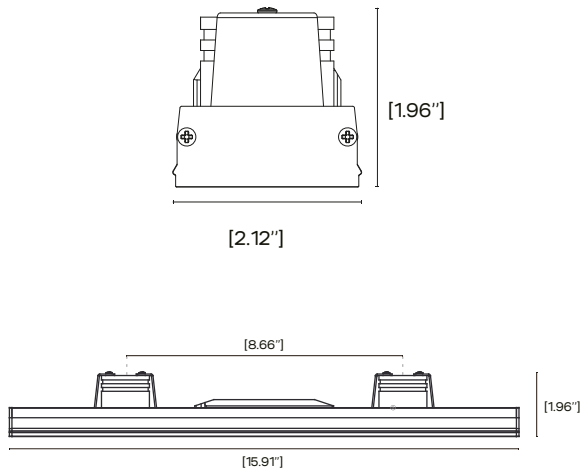
Module Length	W	CCT	90 CRI	Beam Angle
			lm	
16"	6.0	2700K	315	24°
		3000K	335	
		3500K	350	
		4000K	360	
		2700K	235	36°
		3000K	250	
		3500K	260	
		4000K	270	

### PHOTOMETRICS



AVERAGE BEAM ANGLE(50%):17.8 DEG

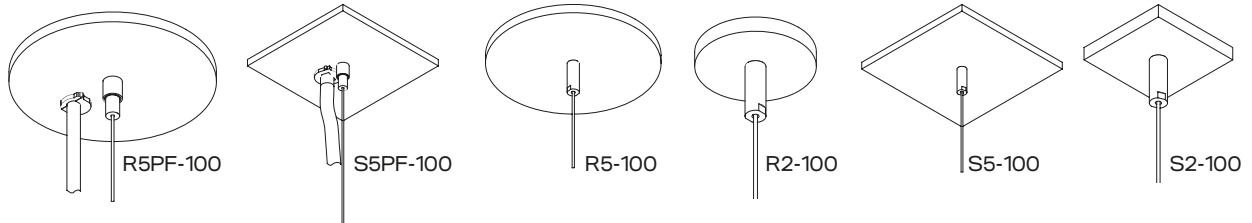
### DIMENSIONS



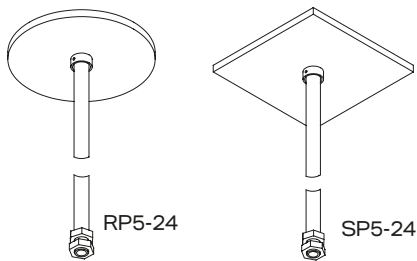
AVERAGE BEAM ANGLE(50%):30.5 DEG

## HANGING ACCESSORIES

### CABLE SETS



### STEM SETS



PART #	DESCRIPTION
R5PF-100	Round 5" power feed canopy, Hanging hardware, 100' long 1/16" cable.
S5PF100	Square 5" power feed canopy, Hanging hardware, 100' long 1/16" cable.
R5-100	Round 5" canopy, Hanging hardware, 100' long 1/16" cable.
R2-100	Round 2" canopy, Hanging hardware, 100' long 1/16" cable.
S5-100	Square 5" canopy, Hanging hardware, 100' long 1/16" cable.
S2-100	Square 2" canopy, Hanging hardware, 100' long 1/16" cable.
RP5-24	Round 5" canopy, Hanging hardware, 24" long 1/2" dia. stem.
SP5-24	Square 5" canopy, Hanging hardware, 24" long 1/2" dia. stem.

Other cable and stem lengths available. Consult factory.

### CORNERS

