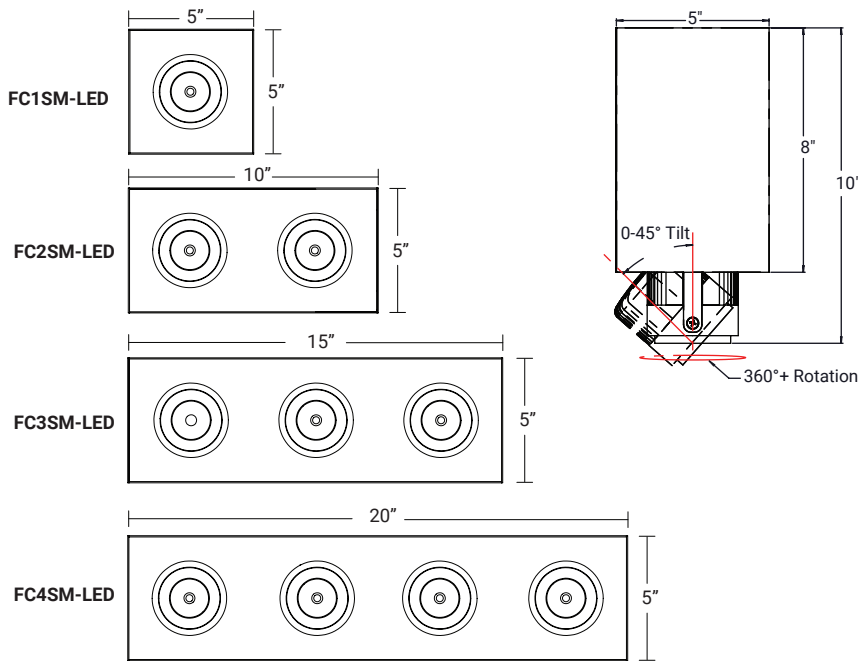


## DIMENSIONS



## TRIM OPTIONS



**BF-Baffle**

Rotation  
45 Degrees



**BV-Bevel**

Rotation  
45 Degrees



**BF-Sharp Edge Baffle**

Rotation  
45 Degrees

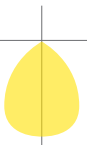


**SE-Sharp Edge**

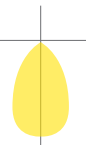
Rotation  
45 Degrees

## DISTRIBUTION PATTERNS

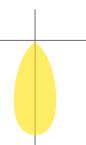
**WD:WIDE**  
Distribution Curve



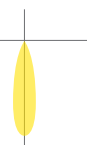
**MD:MEDIUM**  
Distribution Curve



**ND:NARROW**  
Distribution Curve



**NSPD:NARROW SPOT**  
Distribution Curve



## FEATURES

Introducing the Surface Multi-Head Adjustable, available in configurations with 1, 2, 3, or 4 heads. This product flawlessly combines both style and function. This vertical luminaire provides highly customizable lighting options with adjustable heads that can rotate 360 degrees and pivot 38 degrees vertically inside the housing. When the head is outside of the housing, it can pivot 45 degrees, allowing for precise control over light direction. Additionally, each head can extend approximately 2 inches out of the housing, further enhancing flexibility in directing the light. Enhance your lighting system with the selection of lumen packages and field-changeable optics offered in a single housing. With a multitude of warm dimming technology CCT options, our product provides a full range of cool to warm tones. This range of color temperatures makes it ideal for various settings such as retail, hospitality, supermarkets, commercial spaces, and upscale residences.

<b>LUMENS</b>	900L, 1200L, 1500L, 2000L per head
<b>CCT &amp; DYNAMIC PLATFORMS</b>	Dims to Warm: 30K-18K, or 27K-18K
<b>CRI</b>	90+ Standard, 98+ Optional
<b>COLOR QUALITY</b>	2-Step MacAdam Ellipse
<b>DISTRIBUTION PATTERNS</b>	Wide, Medium, Narrow, Narrow Spot
<b>TRIM OPTIONS</b>	Baffle, Bevel, Sharp Edge Baffle, Sharp Edge
<b>FINISH</b>	BK (Black), WH (White), SIL (Silver) Custom RAL colors
<b>DIMMING</b>	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, DIMTR.
<b>OPERATING TEMPERATURE</b>	-40°C(-40°F) to +40°C(+104°F)
<b>REMOTE EMERGENCY</b>	10W, 20W, ( consult factory)
<b>LIFETIME</b>	L70 at 120,000 Hours
<b>PHOTOMETRIC TESTS</b>	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

\*Only powers one head and must have ceiling access.

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2000	1949	19W
1500	1600	17W
1200	1315	12W
900	1082	9W

Delivered lumen varies base on trim and distribution options.  
Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

## OPTICAL PERFORMANCE

The TIR Optic provides precise beam control and field-changeable optics in Wide, Medium, Narrow, and Narrow Spot. Each luminaire head can provide task, accent, or general illumination.

## AIMING

The proprietary hot aiming system allows each individual head to be rotated horizontally and 38 degrees vertically, and to be aimed precisely at the desired position, which can be locked into place without the use of tools. Each head can extend approximately 2 inches out of the housing, allowing for additional flexibility in directing the light.

## TRIM OPTION

Post-painted powder-coated aluminum trim rings are available in four different trim types: bevel, baffle, sharp edge, and sharp edge baffle. They come in white, black, silver, and custom RAL colors (please consult the factory for custom finish options). The trim attaches to ensure a snug fit and zero light leakage.

## MOUNTING

Explore our versatile three mounting options: Installation is a breeze for all three, whether it involves hanging, screwing, or incorporating our housing system with the stem handler. Pendant, Ceiling Mount, and Suspended Mount. Regardless of your choice, each option delivers a sleek and streamlined appearance to elevate your lighting solution. Enjoy the flexibility and simplicity of these installation methods, enhancing both the aesthetic and functionality of your lighting arrangement.

## THERMAL MANAGEMENT SYSTEM

Passive cooling aluminum heat sink, LED light engine, and driver are replaceable and upgradeable. The consistency in the quality of lights is delivered by using a unique locking mechanism that aligns the reflector with the light engine.

## CONSTRUCTION

- Horizontal surface - mount fixture
- Sheet metal exterior housing cold rolled steel 18 GA.
- Perforated driver enclosure for cooler operating temperature
- Gimbal LED holder with up to 38 degrees and 45 degrees when is outside

## LED DYNAMIC PLATFORM OPTIONS



Dims to Warm with Smart Dimming Technology. At 100% full brightness, the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space.

## LED LIGHT ENGINE

High color rendering of 90+ CRI and guaranteed color consistency with a binning of a2 step Mac Adam Ellipse Scale. Available in: Range variety. warm dimming CCT technology includ 30K-18K, or 27K-18K.

## DIMMING & DRIVER INFORMATION

**DIM10** - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard.

**DIMTR** - Triac & Electronic low voltage dimming. Available in 120V.

**LUTH** - Lutron LDE1 Hi-Lume EcoSystem LED driver with soft-on, Fade to Black dimming technology.

## DRIVER ELECTRICAL INFORMATION

The LED driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20% THD, has a power factor between 90% and 100%, and is thermally protected for additional safety.

## WARRANTY

Five-year carefree warranty for parts and components. (Labor not included.)

## LISTINGS

c-UL-us-Listed for Damp and Dry Location.

c-UL-us-Listed for feed through wiring.

EMI/RFI emissions per FCC 47CFR part 15 Class B at 120VAC

Contains no mercury or lead and RoHS compliant.

Example: **FC1SM-LED-WDM-30K-18K-12-DIM10-120-90-PM12-BV-BK-WD-BP8MR16-BL-BP8MR16-FR-EMG-LED-10W**

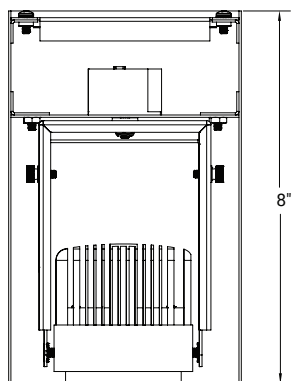
FC1SM-LED							
SERIES	LUMENS	DIMMING	VOLTAGE	CRI	MOUNTING	TRIM OPTION	FINISH
FC1SM-LED-WDM-30K-18K	90 - 900lm/Per Head	DIM10 - DIM10	120 - 120V	90 - 90CRI+	PM12 - Pendant 12"	BV - Bevel	BK - Black
FC1SM-LED-WDM-27K-18K	12 - 1200lm/Per Head	DIMTR <sup>1</sup> - DIMTR	277 - 277V	98 - 98CRI+	PM24 - Pendant 24"	BF - Baffle	WH - White
	15 - 1500lm/Per Head	LUTH <sup>1</sup> - LUTH	MVOLT - MVOLT		PM36 - Pendant 36"	SE - Sharp Edge	SIL - Silver
	20 - 2000lm/Per Head		347 <sup>2</sup> - 347V		PM48 - Pendant 48"	SEB - Sharp Edge Baffle	CU - Custom RAL
					PM60 - Pendant 60"		
					CM - Ceiling Mount		
					SM - Suspended Mount		
					from min. 4ft, or 10ft.		
OPTICS	COLOR FILTER	DISTRIBUTION FILTER	REMOVE EMERGENCY				
WD - Wide 60	BP8MR16-BL - Blue	BP8MR16-FR - Frosted	EMG-LED-10W				
MD - Medium 36	BP8MR16-GR - Green	BP8MR16-SF - Soft Focus	EMG-LED-20W				
ND - Narrow 25	BP8MR16-PI - Pink	BP8MR16-CL - Clear					
NSPD - Narrow Spot 15	BP8MR16-PU - Purple	BP8MR16-UV - Ultraviolet					
	BP8MR16-DL - Day Light	BP8MR16-SP - Spread					
	BP8MR16-YE - Yellow	BPMR16-HC - Honey Comb					
	BP8MR16-AM - Amber	BPMR16-LI - Linear					
	BP8MR16-OR - Orange	BPMR16-SOL - Solite					
	BP8MR16-RE - Red						

1. DIMTR is only available for 120V.  
2. 347V is only available with DIM 10

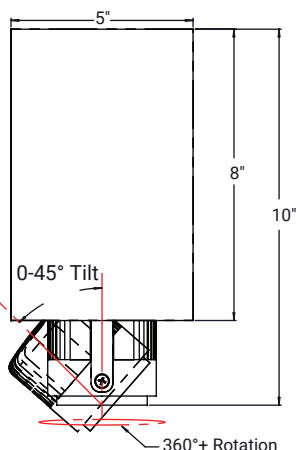
Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W option & 2000L with EMG-LED-20W option in emergency mode. Contact the factory for details.  
Remote mounted installation  
\*Consult Factory for Self Diagnostic



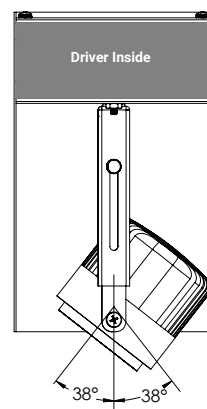
## HOUSING DIMENSIONS



Head inside the housing.

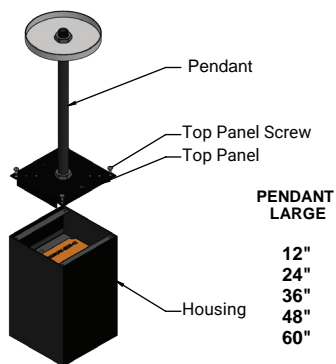


Head 45-degree rotation capability.  
(Head outside the housing)

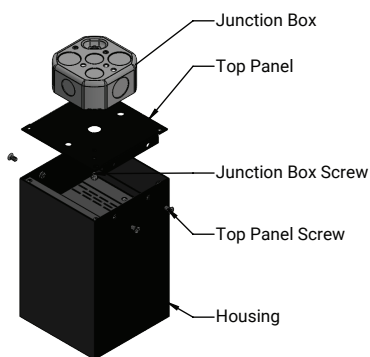


Head 38-degree rotation capability.  
(Head inside the housing)

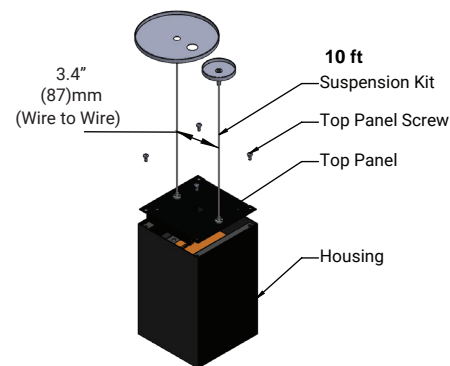
## MOUNTING OPTIONS



PM-Pendant Mount



CM-Ceiling Mount



SM-Suspended Mount

## TRIM OPTIONS



**BF-Baffle**  
Rotation  
45 Degree



**BV-Bevel**  
Rotation  
45 Degree



**SE-Sharp Edge**  
Rotation  
45 Degree



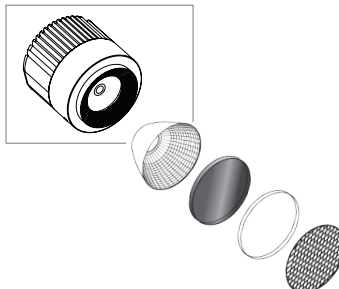
**SEB-Sharp Edge Baffle**  
Rotation  
45 Degree

## COLOR FILTERS & DISTRIBUTION FILTERS



### COLOR LENS FILTER

CAT. #	COLOR
1. BP8MR16-BL	BLUE
2. BP8MR16-GR	GREEN
3. BP8MR16-PI	PINK
4. BP8MR16-PU	PURPLE
5. BP8MR16-DL	DAY LIGHT
6. BP8MR16-YE	YELLOW
7. BP8MR16-AM	AMBER
8. BP8MR16-OR	ORANGE
9. BP8MR16-RE	RED



### DISTRIBUTION LENS FILTER

CAT. #	COLOR
1. BP8MR16-FR	FROSTED
2. BP8MR16-SF	SOFT FOCUS
3. BP8MR16-CL	CLEAR
4. BP8MR16-UV	ULTRAVIOLET
5. BP8MR16-SP	SPREAD
6. BP8MR16-HC	HONEY COMB
7. BP8MR16-LI	LINEAR
8. BP8MR16-SOL	SOLITE