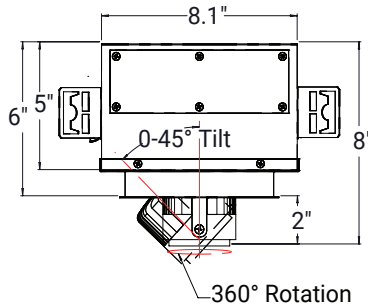
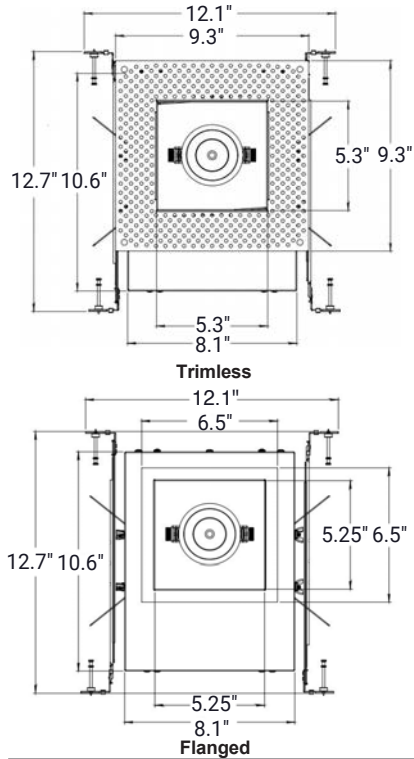


DIMENSIONS



FEATURES

A recessed, multi-head downlight with 1 to 4 adjustable heads offers precise and glare-free lighting. Each light can be aimed with complete adjustability, rotating at 360° and tilting at 45° vertically and can be locked into any desired position. The luminaire is customizable to suit particular applications, with interchangeable lumen packages and optics that can be modified in the field within a single housing. Our product line includes numerous warm dimming CCT options, encompassing a range of cool to warm tones. This versatility makes it ideal for various settings including retail, hospitality, commercial, and high-end residential applications.

LUMENS	900L, 1200L, 1500L, 2000L per head
CCT & DYNAMIC PLATFORMS	Dims to Warm: 30K-18K or 27K-18K
CRI	90+ Standard, 98+ Optional
COLOR QUALITY	2-Step MacAdam Ellipse
DISTRIBUTION PATTERNS	Wide, Medium, Narrow, Narrow Spot
TRIM OPTIONS	1,2,3,4 Trim, Trimless
TRIM HEAD OPTIONS	Baffle, Bevel, Sharp Edge Baffle, Sharp Edge
HEAD COLORS	BK (Black), WH (White), Custom RAL colors
DIMMING	0-10V Flicker Free 1% Dimming Standard(DIM10), LUTH, ELDO10.1 DIMTR, ELDOALI, ELDOALMX.
REMOTE EMERGENCY	10W, 20W, (consult factory)
LIFETIME	L70 at 120,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

*Only powers one head and must have ceiling access.

FLANGED COLORS



WH-WH-White



BK-BK-Black



WH-BK -White/Black



BK-WH -Black/White

HEAD OPTIONS



BF-Baffle
45 DEGREE
ROTATION



BV-Bevel
45 DEGREE
ROTATION

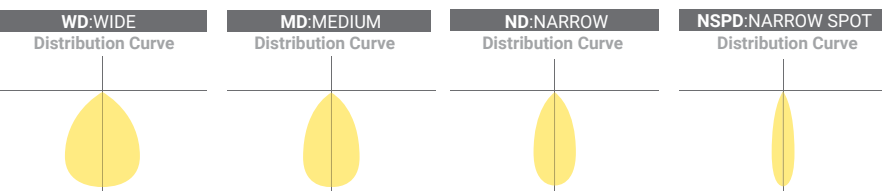


BF-Sharp Edge Baffle
45 DEGREE
ROTATION



SE-Sharp Edge
45 DEGREE
ROTATION

DISTRIBUTION PATTERNS



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%

OPTICS

The multi-segmented luminaire provides accurate beam control and features interchangeable optics in a range of lumen options, including Wide, Medium, Narrow, and Narrow Spot. With exceptional control and flexibility of optics, each luminaire head can offer task, accent, or general illumination. Trim options are available in either trim or trimless forms, with a choice of black or white interior finishes. Merchandising is a constantly evolving field, and the multiple combo provides an ideal solution for featuring up to four different displays with a single housing.

AIMING

The exclusive hot targeting system permits every separate head to rotate horizontally by 360° and vertically by 45°, and to focus accurately on the required position, which can be secured into place without requiring any tools.

HOUSING

Thermally protected for new construction, non-IC ceilings or situations where insulation can be kept 3" from the housing. Our product can be vertically adjusted to cater to various ceiling heights. Constructed from 18-gauge steel and post-painted, each luminaire head is made from aluminium to dissipate heat.

TRIM OPTION

Post-painted aluminium trim is offered in white, black, and custom RAL colours. Please contact the factory for custom paint colour options. The trim firmly attaches to the housing for a tight fit and no light leakage.

TRIMLESS OPTION

Perforated mesh cover intended for installation in drywall or plaster ceilings. Mudding may be applied right up to the edge of the luminaire opening to provide a seamless appearance. Trimless accessory is secured to the housing to prevent fractures in the ceiling and/or drywall during and after installation.

MOUNTING FRAME & BRACKET

Butterfly brackets that come pre-installed can be adjusted vertically using C-Channel mounting bars. This allows for the housing to be locked and positioned at any point within a joist span of 24 inches. Additionally, bar hangers can be mounted on a T-bar spline with extra slots and holes for special mounting methods.

THERMAL MANAGEMENT SYSTEM

The aluminum heat sink passively cools the replaceable and upgradeable LED light engine and driver, which can be accessed from below the ceiling. The unique locking mechanism aligns the reflector with the light engine, ensuring consistency in light quality.

LED DYNAMIC PLATFORM OPTIONS



The luminaire features SmartDimming Technology, transitioning to a warm ambiance within the when the light is dimmed to 1%, it transitions to 1800K, which generates a warm ambiance in the area.

LED LIGHT ENGINE

High color rendering with a 90+ CRI and guaranteed color consistency through the use of 2-step MacAdam Ellipse Scale binning. Available in a variety of warm dimming CCT technologies, including 30K-18K and 27K-18K.

DRIVER ELECTRICAL INFORMATION

The LED driver has a rating of 50 to 60Hz at 120V input, generates a THD of less than 20%, boasts a power factor ranging from 90% to 100%, and is equipped with thermal protection for enhanced safety.

DIMMING & DRIVER INFORMATION

DIM10 allows for 0-10V dimming on either MVOLT 120 or 347V. It can be dimmed down to 1% of initial lumens and is the standard option.

DIMTR supports triac and electronic low voltage dimming and is available in 120V, only offering up to 3000 lumens.

LUTH is the Lutron LDE1 Hi-Lume Eco System, offering 1% dimming with Soft in Fade to Black dimming technology.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

ELDODALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

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.

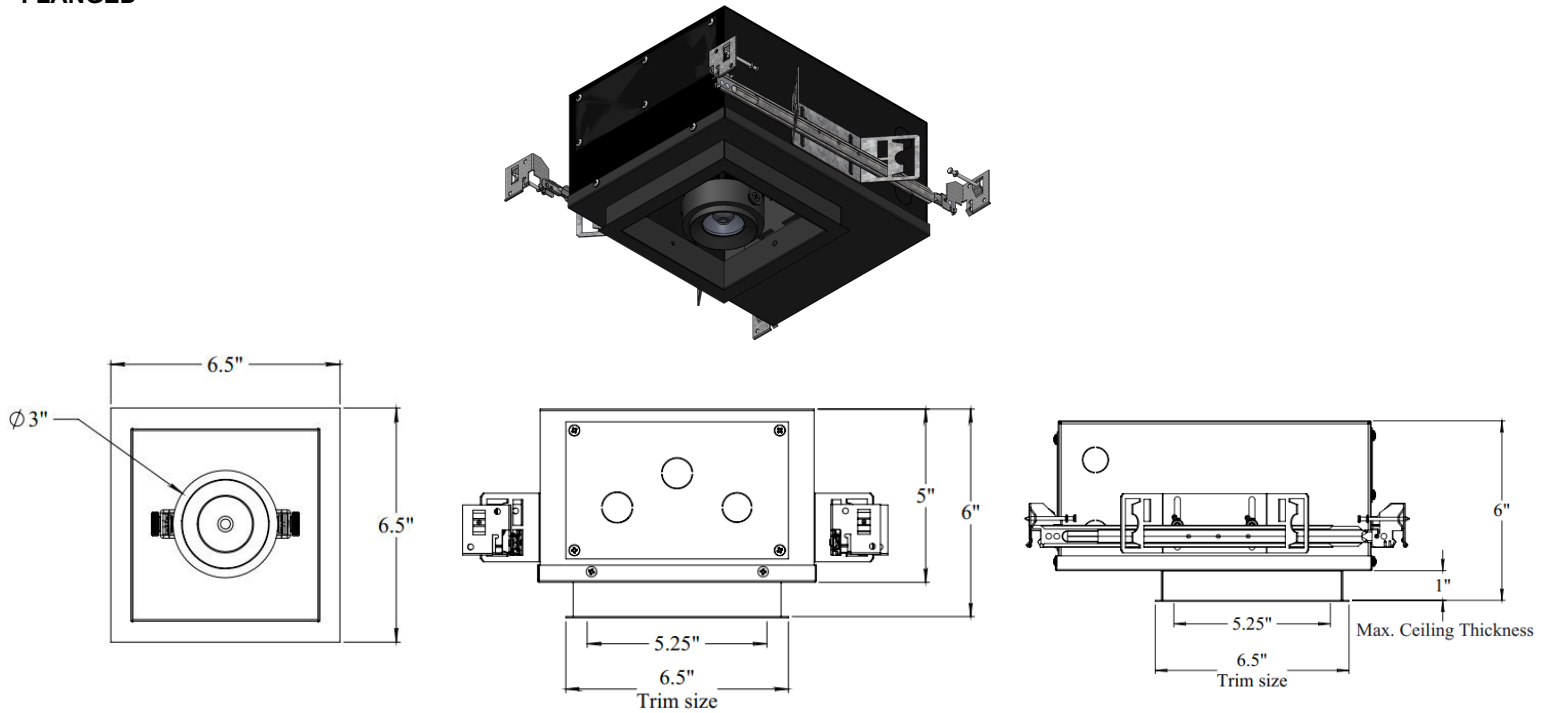
Energy Star and State of California Title 24 high efficacy LED compliance, per JA8 High Efficacy Lighting certification standards.

Example: **FC1MC-LED-WDM-30K-18K-12-DIM10-120-90-F-BK-BK-SE-BK-WD-BP8MR16-BL-BP8MR16-CL-EMG-LED-20W-WD**

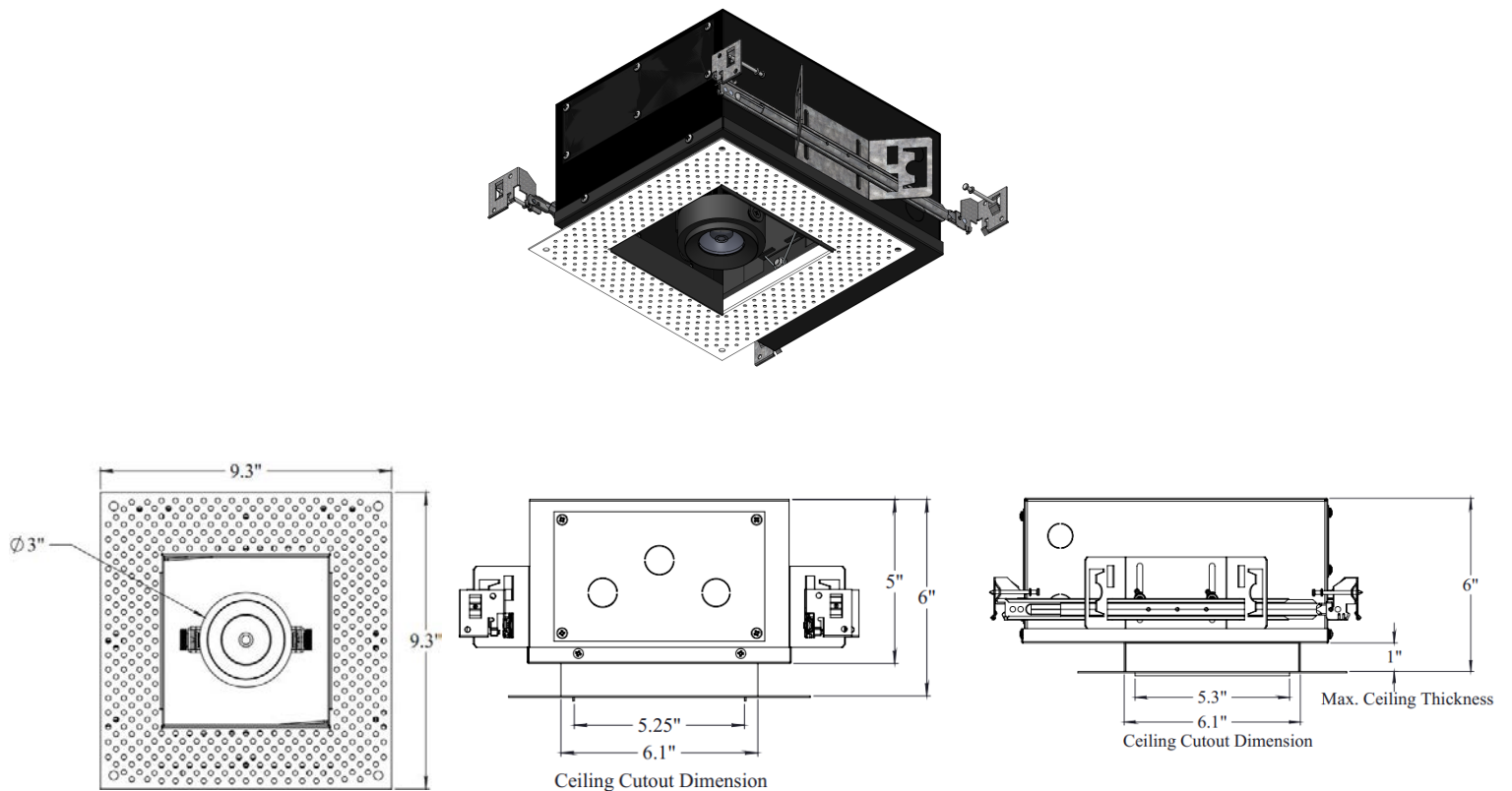
FC1MC-LED									
SERIES	LUMENS	DIMMING	VOLTAGE	CRI	TRIM OPTION	TRIM COLOR	INTERIOR COLOR	TRIM HEAD OPTION	
FC1MC-LED-WDM-30K-18K FC1MC-LED-WDM-27K-18K	90 - 900lm/Per Head 12 - 1200lm/Per Head 15 - 1500lm/Per Head 20 - 2000lm/Per Head	DIM10 - DIM10 DIMTR ¹ - DIMTR LUTH ¹ - LUTH ELDO10-1 ¹ - ELDO10-1 ELDODALI-1 ¹ - ELDODALI-1 ELDODMX-1 ¹ - ELDODMX-1	120 - 120V MVOLT ¹ - MVOLT 347 ² - 347V	90 - 90CRI+ 98 - 98CRI+	F - Flanged TL - Trimless	WH - White BK - Black	WH - White BK - Black	BV - Bevel BF - Baffle SE - Sharp Edge SEB - Sharp Edge Baffle	
TRIM HEAD COLOR OPTION	OPTICS	COLOR FILTER	DISTRIBUTION FILTER	REMOTE EMERGENCY	ACCESSORIES				
BK - Black WH - White CU - Custom	WD - Wide 60 MD - Medium 36 MND - Narrow 24 NSPD - Narrow Spot 15	BP8MR16-BL - Blue BP8MR16-GR - Green BP8MR16-PI - Pink BP8MR16-PU - Purple BP8MR16-DL - Day Light BP8MR16-YE - Yellow BP8MR16-AM - Amber BP8MR16-OR - Orange BP8MR16-RE - Red	BP8MR16-FR - Frosted BP8MR16-SF - Soft Focus BP8MR16-CL - Clear BP8MR16-UV - Ultraviolet BP8MR16-SP - Spread BP8MR16-HC - Honey Comb BP8MR16-LI - Linear BP8MR16-SOL - Solite	EMG-LED-10W - EMG-LED-10W EMG-LED-20W - EMG-LED-20W EMG-LED-G2-10W-STD - EMG-LED-G2-10W-STD <small>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</small>	BP30 - BP30-24" C channel bar hangers WD - Wide 60 MD - Medium 36 ND - Narrow 24 NSPD - Narrow Spot 24 IC - Insulated ceiling rated				

¹. DIMTR is only available for 120V.
². 347V is only available with DIM10

FLANGED



TRIMLESS



TRIM HEAD OPTIONS



BF-Baffle

45 DEGREE
ROTATION



BV-Bevel

45 DEGREE
ROTATION



SE-Sharp Edge

45 DEGREE
ROTATION



SEB-Sharp Edge Baffle

45 DEGREE
ROTATION

COLOR FILTERS & DISTRIBUTION FILTERS



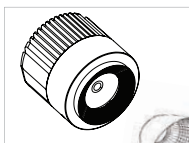
COLOR LENS FILTER

CAT.

1. BP8MR16-BL
2. BP8MR16-GR
3. BP8MR16-PI
4. BP8MR16-PU
5. BP8MR16-DL
6. BP8MR16-YE
7. BP8MR16-AM
8. BP8MR16-OR
9. BP8MR16-RE

COLOR

- BLUE
GREEN
PINK
PURPLE
DAY LIGHT
YELLOW
AMBER
ORANGE
RED



DISTRIBUTION LENS FILTER

CAT.

1. BP8MR16-FR
2. BP8MR16-SF
3. BP8MR16-CL
4. BP8MR16-UV
5. BP8MR16-SP
6. BPMR16-HC
7. BPMR16-LI
8. BPMR16-SOL

COLOR

- FROSTED
SOFT FOCUS
CLEAR
ULTRAVIOLET
SPREAD
HONEY COMB
LINEAR
SOLITE

***Please consult factory**

Note:

Additional lens filters should only be utilized on open, non-lensed trim options for downlights.