

DESCRIPTION

The EPIC Collection combines custom luminaire flexibility with high quality construction. Through a modular design, the EPIC Collection can be dressed to suit any application. Recognizing evolving environmental and legislative trends, EPIC Collection delivers world-class LED optical and performance solutions to the decorative luminaire marketplace.

SPECIFICATION FEATURES

Construction

TOP: Cast aluminum classical top housing maintains a nominal 1/8" sidewall thickness. Top attaches to cast aluminum mounting arm hub with four (4) stainless steel fasteners. One-piece silicone gasket between mounting hub and top casting seals out moisture and contaminants. **MIDSECTION:** Continuous silicone gaskets seal lens to top casting and shade. The following mid-section options feature cast aluminum construction and stainless steel assembly hardware: SO Solid Rings. **SHADES:** Heavy gauge precision spun aluminum shades offer superior surface finish and consistency in form. **DOORFRAME:** Die-cast aluminum 1/8" thick door and door frame seal to underside of shade with a thick wall continuous silicone gasket. Mounting hub ships attached to mounting arm.

Optics

DISTRIBUTION: Choice of twelve (12) patented, high efficiency AccuLED Optics™, that maximize light collection and direction distribution onto the application region. Each optical lens is precision-manufactured via injection-molding, then precisely arranged and sealed on the board media. **LEDs:** High output LEDs, 50,000+ hours life at >70% lumen maintenance, offered standard in 4000°K (+/-275K) CCT and nominal 70 CRI.

Electrical

ELECTRICAL TRAY: Driver and related electrical componentry are mounted to one piece tray. Quick disconnect wiring plugs allows for tray removal during routine maintenance. **DRIVER:** LED drivers are potted and heat sunk for optimal performance and prolonged life. Standard drivers feature electronic universal voltage (120-277V/50-60hz), > 0.9 power factor, less than 20% harmonic distortion and feature ambient temperature range of +40°C (104°F) down to minimum starting

temperature of -30°C (-22°F). Shipped standard with Cooper Lighting proprietary circuit module designed to withstand 10kV of transient line surge. All LED LightBARs™ and drivers are mounted to dedicated mounting trays and are easily replaced by use of quick disconnects for ease of wiring. Options to control light levels, energy savings and egress capabilities (separate circuit) are available.

Finish

Housing is finished in 5-stage SuperTGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR™ cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection.

Warranty

EMM LED features a five-year limited warranty.

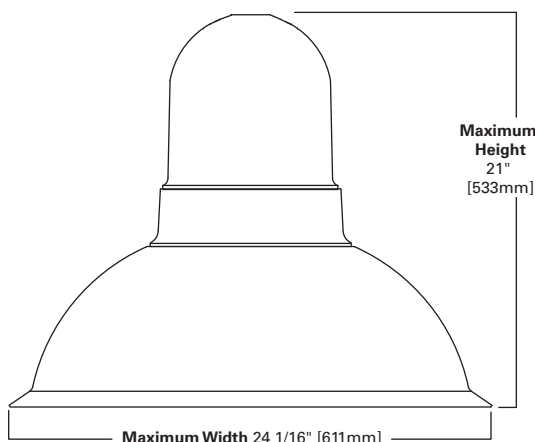


EMM EPIC MODERN MEDIUM LED

1 - 4 LightBARs
Solid State LED

DECORATIVE AREA

Sustainable Design



NOTE: See configurations for more detailed information.

CERTIFICATION DATA

UL/cUL Listed
ISO 9001
IP66 LightBARs
ARRA Compliant
LM79 / LM80 Compliant
3.5 G Vibration Tested

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60hz, 347V/60hz,
480V/60hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

EPA

Effective Projected Area: (Sq. Ft.)
0.94

SHIPPING DATA

Approximate Net Weight:
45 lbs.



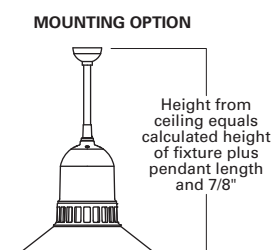
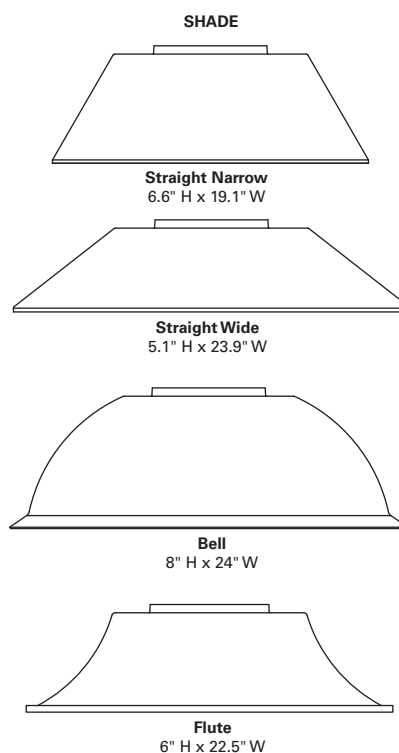
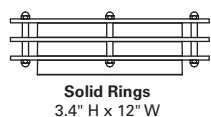
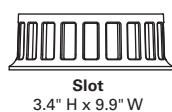
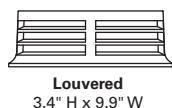
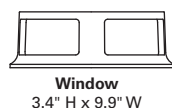
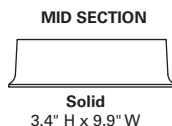
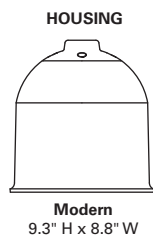
POWER AND LUMENS BY BAR COUNT

Number of LightBARs	DISTRIBUTION													
	Power [Watts]	Current @ 120V [A]	Current @ 277V [A]	T2	T3	T4	SL2	SL3	SL4	5MQ	5WQ	5XQ	RW	SLR/ SLL
7 LED LIGHTBAR														
C01	27	0.23	0.13	1,873	1,866	1,817	1,836	1,756	1,807	1,937	1,907	1,911	1,847	1,704
C02	54	0.46	0.21	3,716	3,701	3,605	3,642	3,485	3,585	3,843	3,783	3,792	3,665	3,380
C03	77	0.65	0.29	5,475	5,453	5,311	5,366	5,134	5,282	5,661	5,573	5,586	5,399	4,980
C04	101	0.86	0.37	7,282	7,253	7,064	7,137	6,829	7,026	7,530	7,413	7,430	7,181	6,624
21 LED LIGHTBAR														
B01	27	0.23	0.13	2,304	2,295	2,235	2,258	2,160	2,223	2,382	2,345	2,351	2,272	2,096
B02	51	0.43	0.20	4,571	4,553	4,434	4,480	4,286	4,410	4,726	4,653	4,664	4,508	4,158
B03	73	0.62	0.28	6,734	6,707	6,533	6,600	6,315	6,497	6,963	6,855	6,871	6,641	6,125
B04	95	0.81	0.35	8,957	8,921	8,689	8,779	8,399	8,642	9,262	9,118	9,139	8,833	8,148

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.04
15°C	1.03
25°C	1.00
40°C	0.96

PRODUCT CONFIGURATIONS



ORDERING INFORMATION

Sample Number: EMM-B04-LED-E1-T2-FL-BK-2L

Product Family ¹ EMM=Epic Modern Medium	Distribution T2=Type II T3=Type III T4=Type IV 5MQ=Type V Square Medium 5WQ=Type V Square Wide 5XQ=Type V Square Extra Wide RW=Rectangular Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90 Degree Spill Light Eliminator Left SLR=90 Degree Spill Light Eliminator Right	Mid Section Type ⁴ SO=Solid WN=Window LV=Louvered ST=Slot SR=Solid Rings Shade Type SN=Straight Narrow SW=Straight Wide BL=Bell FL=Flute	Finish ⁵ BK=Black AP=Grey BZ=Bronze WH=White DP=Dark Platinum GM=Graphite Metallic Options 2L=Two Circuit ⁶ LCF=LightBAR Cover Plate Matches Housing Finish 7060=70 CRI/6000K CCT ⁷ 8030=80 CRI/3000K CC ⁷ MS-LXX=Motion Sensor ⁸ for on/off operation MS/X-LXX=Motion ⁹ Sensor for bi-level switching PM48=Pendant Mount 48" Length or Specify Pendant Length Inches (XX) ¹⁰	Accessories ¹¹ VA6101-XX = Bishop Wall Mount Arm VA6102-XX = Bishop Wall Mount Arm w/ Cross Rod VA6103-XX = Traditional Wall Mount Arm VA6104-XX = Traditional Wall Mount Arm w/ 45° Strap VA6105-XX = Bishop Single Pole Mount Arm VA6106-XX = Bishop Single Pole Mount Arm w/ Cross Rod VA6107-XX = Bishop Twin Pole Mount Arm VA6108-XX = Bishop Twin Pole Mount Arm w/ Cross Rods VA6109-XX = Traditional Single Pole Mount Arm VA6110-XX = Traditional Single Pole Mount Arm w/ Rounded Upper Bar VA6111-XX = Traditional Single Pole Mount Arm w/ ²² Rounded Lower Bar VA6112-XX = Traditional Single Pole Mount Arm w/ 45 Degree Upper Bar VA6113-XX = Traditional Single Pole Mount Arm w/ 45 ²² Degree Lower Bar VA6114-XX = Traditional Single Pole Mount Arm w/ 45 Degree Upper Strap VA6116-XX = Traditional Twin Pole Mount Arm VA6117-XX = Traditional Twin Pole Mount Arm w/ Rounded Upper Bars VA6118-XX = Traditional Twin Pole Mount Arm w/ ²² Rounded Lower Bars VA6119-XX = Traditional Twin Pole Mount Arm w/ 45 Degree Upper Bars VA6120-XX = Traditional Twin Pole Mount Arm w/ 45 ²² Degree Lower Bars VA6121-XX = Traditional Twin Pole Mount Arm w/ 45 Degree Upper Straps VA6122-XX = EMM Mast Arm Adapter OA/RA1016 = NEMA Photocontrol - Multi-Tap OA/RA1027 = NEMA Photocontrol - 480V OA/RA1201 = NEMA Photocontrol - 347V <u>Accessory Options</u> ¹² V=Victorian Finial ¹³ M=Modern Finial ¹³ A=Architectural Finial ¹³ N=Nostalgic Finial ¹³ R=NEMA Twistlock Photocell Receptacle ¹⁴
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Number of ^{2,3} Lightbars
B01=[1] 21 LED LightBAR
B02=[2] 21 LED LightBARs
B03=[3] 21 LED LightBARs
B04=[4] 21 LED LightBARs
C01=[1] 7 LED LightBARs
C02=[2] 7 LED LightBARs
C03=[3] 7 LED LightBARs
C04=[4] 7 LED LightBARs

Lamp Type
LED=Solid State Light Emitting Diodes

Voltage
E1=Electronic (120-277V)
347=347V
480=480V

Notes:

¹ Arm not included. Order separately. See accessories.
² Standard 4000 K CCT and greater than 70 CRI.
³ 21 LED LightBAR powered at 350mA, 7 LED LightBAR powered at 1A.
⁴ Midsection not illuminated during operation.
⁵ Custom and RAL color matching available upon request. Consult your customer service representative for further information.
⁶ Low-level output varies by bar count. Consult factory. Requires quantity two or more LightBARS.
⁷ Consult customer service for lead times and lumen multiplier.
⁸ Sensor mounted to the luminaire. Available in B01 - B06 and C01 - C06 configurations. Replace XX with mounting height in feet for proper lens selection, (i.e., MS-L25). Consult factory for additional information.
⁹ Sensor mounted to luminaire. Available in B02 - B06 and C02 - C06 configurations. Replace X with number of bars operating in low output mode and replace XX with mounting height in feet for proper lens selection, (i.e., MS/3-L25). Maximum 4 bars in low output mode. Consult factory for additional information.
¹⁰ PM option must be used with INVUE Pendant Kit only. Includes 48" long pendant pipe, swivel hanger and canopy cover. Other pendant lengths can be specified in inches (XX). Minimum pendant length is 9.5". For lengths above 48", consult Invue Lighting Systems representative.
¹¹ Order separately, replace XX with color suffix.
¹² Add as suffix to accessory. Example: VA6109-BK-R.
¹³ Only available with Traditional arms.
¹⁴ Not available with finials, pendant mount (PM48) or bishop wall mounts.