

DATE: _____ PROJECT: _____ TYPE: _____

CATALOG NUMBER LOGIC:



**Designed for use with 12 VAC. LED transformer. Requires magnetic low voltage dimmer.*

***Eliminates glow in upper window. Material and finish to match fixture. Available with SD5 or SD8 style only.*

****Only available for Copper Material.*

CATALOG NUMBER LOGIC

Example: MBW - SD5 - LED - e94 - SAP - CF1 - DT - CQW

MATERIAL

(Blank) - Aluminum C - Copper

SERIES

MBW - Miniature Beacon Wall

STYLE

LS - Less Shade

SD5 - 5" Disk

SD8 - 8" Shade

SOURCE

LED - with Integral Dimming Driver (25W min. load when dimmed)*

LED TYPE

e93 - 7W LED/2700K e95 - 7W LED/4000K

e94 - 7W LED/3000K e96 - 7W LED/Amber

FINISH (See page 3 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

Copper Finishes (NAT, BP, GP, POL)

CAP STYLE

CC1 - Cone Cap CF1 - Flat Cap

ACCESSORIES

DT - Dark Top Shield**

MSH - Mesh Screen

OPTION***

CLR - Clear Coat Protection (Available on NAT or POL finish only)

CANOPY

CRW - Round Canopy

CQW - Square Canopy

CTW - Rectangular Canopy

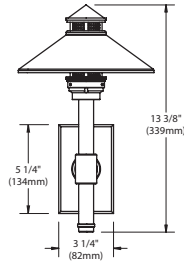
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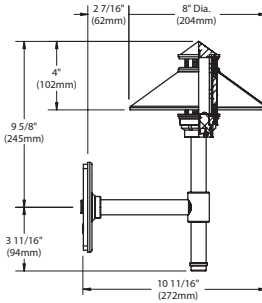
FRONT VIEW

(Shown with 8" Shade SDB, Rectangular Canopy CTW and Cone Cap CC1)



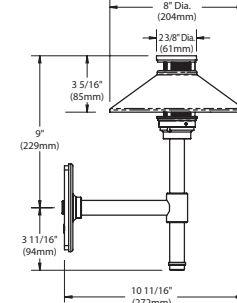
SIDE VIEW W/ CONE CAP

(Shown with 8" Shade SDB and Rectangle Canopy CTW)

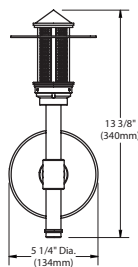


SIDE VIEW W/ FLAT CAP

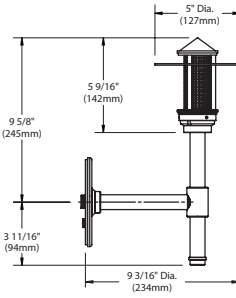
(Shown with 8" Shade SDB and Rectangle Canopy CTW)



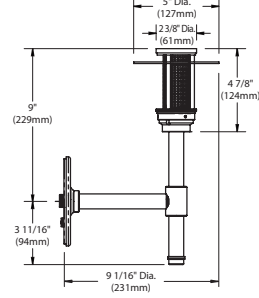
(Shown with 5" Disk SDS and Round Canopy CRW)



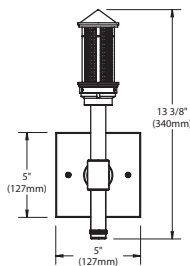
(Shown with 5" Disk SDS and Rectangle Canopy CTW)



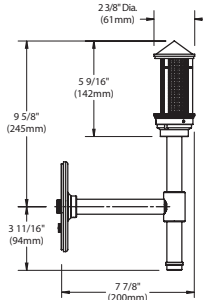
(Shown with 5" Disk SDS and Round Canopy CRW)



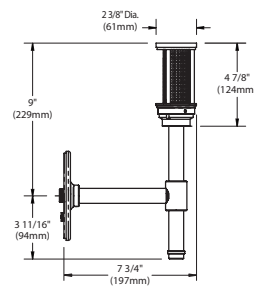
(Shown with Less Shade LS and Square Canopy CQW)



(Shown with Less Shade LS and Rectangular Canopy CTW)



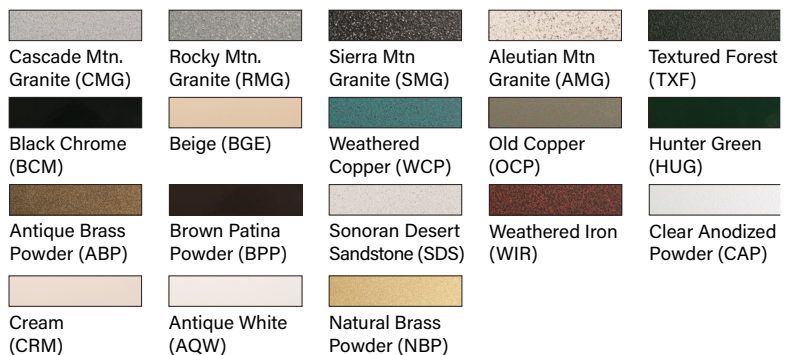
(Shown with Less Shade LS and Round Canopy CRW)



STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

DATE:	PROJECT:	TYPE:
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ACCESSORIES (Configure separately)

SPECIFICATIONS

ELECTRICAL	WATTAGE	7W LED
	LED	<p>Integrated LED system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.</p> <p>Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, overvoltage, open-circuit, and short circuit protected. Inrush current limited to <250mA (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.</p> <p>Line voltage dimmable via magnetic low voltage dimmer. For use with low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with LED Power of 'e' technology loads should be loaded to 25% of the transformer VA (watts) rated value.</p>
	WIRING	Tefzel™ coated stranded wire, 18GA, 600V, 150°C rated and certified to UL 1659 standard.
	REMOTE TRANSFORMER	For use with 12VAC LED remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
PHYSICAL	MATERIALS	<p>Copper: Constructed from copper and brass. These enduring metals are inherently corrosion resistant.</p> <p>Aluminum: Constructed from Copper-Free aluminum (Type 6061-T6).</p>
	DISK	5" disk available in 1/8" 6061-T6 Aluminum or 1/8" Copper.
	DARK TOP	Eliminates light from upper window of the fixture. Aluminum- 6063 or 260 Brass.
	MESH	Diffuses light in both upper and lower windows.
	CAP	Top cap available in cone top or flat top. 6061-T6 Aluminum or C360 Brass.
	SHADE	8" Shade hand spun from high purity, solid copper plate Cu C101 or Aluminum 16GA Alu 3003-H14.
	INSTALLATION	<p>Aluminum: 5" diameter round or 5"x5" square machined aluminum Canopy with stainless steel universal mounting ring permits mounting to 4" octagonal junction box (not included). 3" x 5" Machined rectangular canopy for use with single gang recessed switch box (not included).</p> <p>Copper: 5" diameter, machined aluminum mounting plate with black finish. For use with 4" octagonal junction box (not included) or 3"x5" Machined rectangular plate with black finish. For use with single gang recessed switch box (not included).</p>
	CANOPY	<p>Aluminum: 5" round diameter round canopy, 5"x5" square canopy, or 3"X 5" Rectangular Canopy made from 6061-T6 Aluminum. Finish to match fixture finish.</p> <p>Copper: Available in 5-1/4" diameter round canopy cover, 5-1/4" x 5-1/4" Square Canopy cover or 3-1/4" x 5-1/4" rectangular canopy cover. Canopy Cover conceals mounting plate and hardware. Material is hand spun from high purity, solid copper plate with tamper resistant machined 360 brass lock collar.</p>
	LENS	High heat, shock resistant, frosted 1.5" diameter acrylic lens. Indirect optic system.
	STEM	Machined from heavy wall 7/8" O.D. 6061-T6 Aluminum or Brass.
HUB	Machined Hub with High temperature, silicone gasket available in 6061-T6 Aluminum or C360 Brass.	
HARDWARE	Tamper-resistant, stainless steel hardware.	
FINISH	Copper and Brass: Natural (NAT): Copper and brass components are sand blasted to expose the porous metal surface. Over time, and with exposure to the elements, the metals will naturally 'weather' resulting in a unique patina.	

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SPECIFICATIONS

PHYSICAL	FINISH	<p>Also available with hand-crafted metal finishes including brown patina (BP), green patina (GP), and polish (POL).</p>
		<p>Aluminum, Copper and brass components are also available in powder coat finishes.</p>
		<p>Optional ceramic clear coat protection (copper and brass components only) seals and protects underlying metals and protects against discoloration, fading, and wear. Highly impervious to chemicals, solvents, and graffiti. For use with natural (NAT) and polish (POL) finishes.</p>
	WARRANTY	<p>Aluminum: StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.</p>
	LISTINGS	<p>5 year limited warranty.</p> <p>UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Additionally suitable for installation within 4' of the ground. IP66 Rated. Made in USA.</p>



LAMP & DRIVER DATA

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DRIVER DATA

Input Volts	InRush Current	Operating Current	Operation Ambient Temperature	Dimmer Type
12VAC/DC 50/60Hz	12A Max	500mA	-22°F to 194°F (-30°C to 90°C)	Magnetic Low Voltage

LM79 DATA

LM70 DATA

TEKA LED #	LUMENS (Delivered)	CCT	INPUT WATTS (Typ.)	CRI (Typ.)	Minimum Rated Life (hrs.) - 70% of initial lumens (L70)
e93	314	2700	7	80	50,000
e94	323	3000	7	80	50,000
e95	348	4000	7	80	50,000
e96	n/a	Amber (590nm)	7	80	50,000

MINIATURE BEACON WALL (MBW) - HORIZONTAL FOOTCANDLES

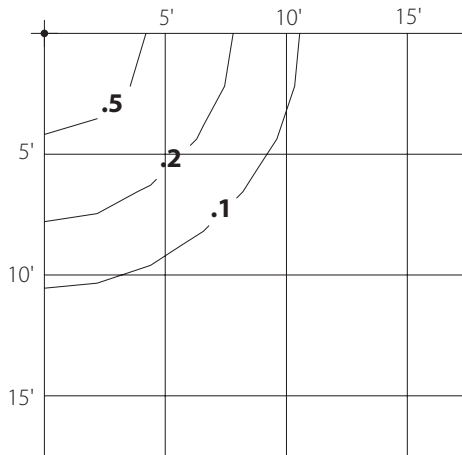
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PROJECT:

TYPE:

MBW - LED - e95 (7W) - 4000K

Mounting Height = 6 Ft, Style = SD5

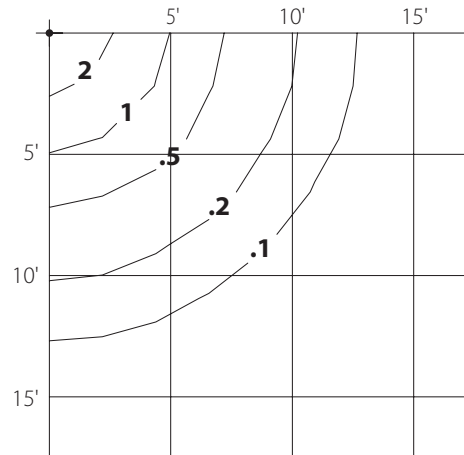


HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
 Luminaire Lumens = 436
 Maximum Calculated Value = .72 Fc
 2.7K Multiplier = .9
 3K Multiplier = .93
 BUG Rating = B0 U3 G1

MBW - LED - e95 (7W) - 4000K

Mounting Height = 6 Ft, Style = SD8

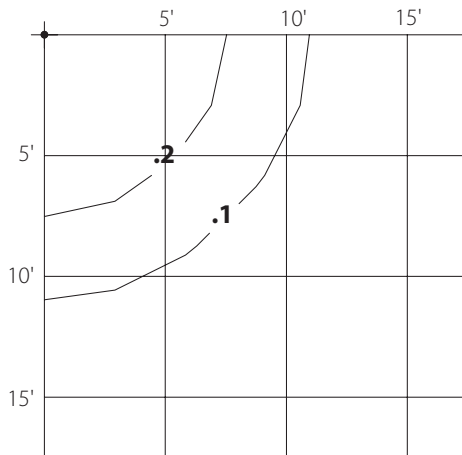


HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
 Luminaire Lumens = 348
 Maximum Calculated Value = 3.57 Fc
 2.7K Multiplier = .9
 3K Multiplier = .93
 BUG Rating = B1 U2 G0

MBW - LED - e95 (7W) - 4000K

Mounting Height = 8 Ft, Style = SD5

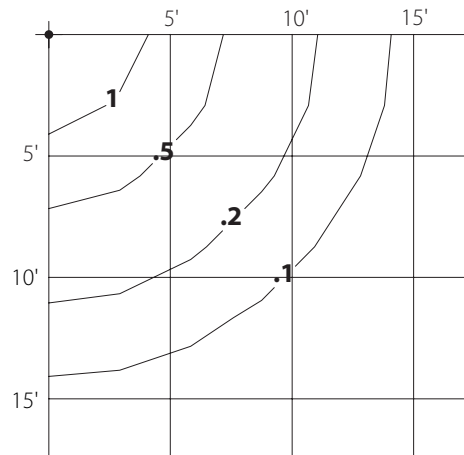


HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
 Luminaire Lumens = 436
 Maximum Calculated Value = 0.40 Fc
 2.7K Multiplier = .9
 3K Multiplier = .93
 BUG Rating = B0 U3 G1

MBW - LED - e95 (7W) - 4000K

Mounting Height = 8 Ft, Style = SD8



HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
 Luminaire Lumens = 348
 Maximum Calculated Value = 2.01 Fc
 2.7K Multiplier = .9
 3K Multiplier = .93
 BUG Rating = B0 U2 G0