# BEACON STEM MOUNT

IP65 RATED

DATE: | PROJECT: | TYPE:

CATALOG NUMBER LOGIC:

**120V only.*

***Finish to match fixture.*

****Stainless rings are provided in Natural (NAT) finish regardless of finish choice.*

*****Eliminates glow in supper window. Material and finish to match fixture.*

******Material and finish to match fixture.*

| **CATALOG NUMBER LOGIC** |
|---|
| Example: BSM - 18 - SD24 - L18 - BZW - A - MSH - HSR |
| **MATERIAL** |
| (Blank) - Aluminum  C - Copper |
| **SERIES** |
| BSM - Beacon Stem Mount |
| **STEM LENGTH** |
| 6" (Standard), 12", 18", 24", 30", 36", 42", 48", 54", or 60" |
| **STYLE** |
| SD12 - 12" Shade |
| SD15 - 15" Shade |
| SD24 - 24" Shade |
| SD10 - 10" Disk |
| SD17 - 17" Disk |
| **SOURCE** |
| LED - Line Voltage* |
| **LED TYPE** |
| L10 - 10W LED/2700K |
| L11 - 10W LED/3000K |
| L12 - 10W LED/4000K |
| L13 - 10W LED 2200K-3500K (warm dimming) |
| L15 - 20W LED/2700K |
| L16 - 20W LED/3000K |
| L17 - 20W LED/4000K |
| L18 - 20W LED/2200-3500K (warm dimming) |
| **FINISH (See page 2 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) |
| **RINGS** |
| A - Aluminum** |
| B - Brass** |
| S - Stainless Steel*** |
| **ACCESSORIES (select one)** |
| DT - Dark Top Shield**** |
| MSH - Mesh Screen***** |
| **OPTION** |
| CLR - Clear Coat Protection (Available on NAT finish only) |
| **MOUNTING** |
| HRS - Hang Straight Round |
| HSQ - Hang Straight Square |



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07/11/2022 SKU-1209
SUB-2588-00

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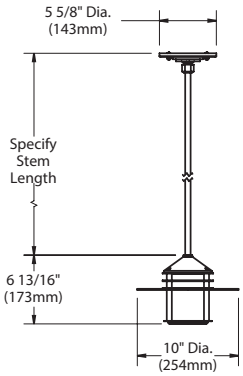
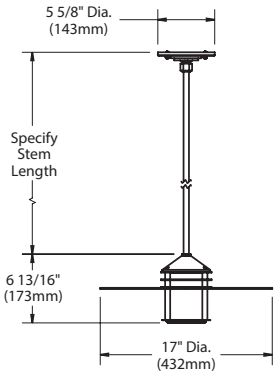
## SIDE VIEW

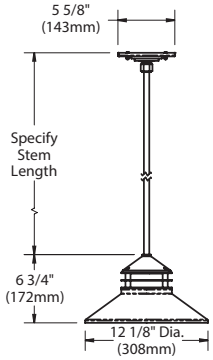
(***SD10*** *Style shown with* ***Hang Straight Round*** *Canopy)*



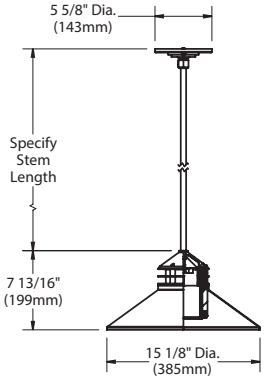

(***SD17*** *Style shown with* ***Hang Straight Round*** *Canopy)*



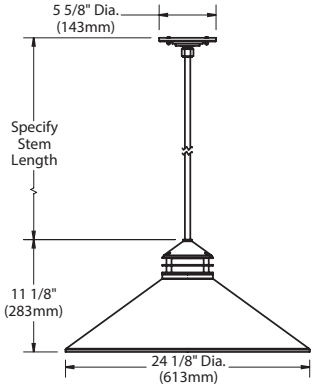

(***SD12*** *Style shown with* ***Hang Straight Square*** *Canopy)*




(***SD15*** *Style shown with* ***Hang Straight Round*** *Canopy)*




(***SD24*** *Style shown with* ***Hang Straight Round*** *Canopy)*



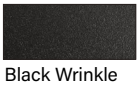

## STANDARD FINISHES

Satin Black (BLP)

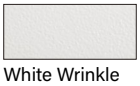
Satin Bronze (BZP)

Satin White (WHP)

Satin Aluminum (SAP)


Black Wrinkle (BLW)

Bronze Wrinkle (BZW)


White Wrinkle (WHW)

Verde (VER)

Click Here to view larger, full-color swatches of all available finishes on our website.

## PREMIUM FINISHES

Cascade Mtn. Granite (CMG)

Rocky Mtn. Granite (RMG)

Sierra Mtn Granite (SMG)

Aleutian Mtn Granite (AMG)

Textured Forest (TXF)

Black Chrome (BCM)

Beige (BGE)

Weathered Copper (WCP)

Old Copper (OCP)

Hunter Green (HUG)

Antique Brass Powder (ABP)

Brown Patina Powder (BPP)

Sonoran Desert Sandstone (SDS)

Weathered Iron (WIR)

Clear Anodized Powder (CAP)

Cream (CRM)

Antique White (AQW)

Natural Brass Powder (NBP)

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07/11/2022 SKU-1209
SUB-2588-00

# BEACON STEM MOUNT

IP65 RATED

| DATE: | PROJECT: | TYPE: |
|---|---|---|

Accessories (Configure separately)

## SPECIFICATIONS

| | | |
|---|---|---|
| ELECTRICAL | WATTAGE | 10W or 20W LED |
| | LED | Integrated solid state system with 'L' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance available in 27000k, 3000k or 4000k specify 10W or 20W. Warm Dim LED 2200K-3500K specify 10W or 20W. Line voltage input 120V only. Compatible with electronic low voltage dimmers only. |
| | WIRING | Tefzel® coated wire, 18AWG, 600V, 210° C rated and certified to UL 1659 standard. |
| PHYSICAL | MATERIALS | Copper and Brass: Constructed from copper and brass. These enduring metals are inherently corrosion resistant. |
| | | Aluminum: Constructed from Copper-Free aluminum (Type 6061-T6). |
| | SHADE | Hand spun from 16GA 3003-H14 aluminum or 16GA C101 copper Specify 12", 15" or 24" diameter. |
| | DISK | Specify 10" or 17" dia. disk made from 1/8" 6061-T6 Aluminum or 1/8" Copper. |
| | BODY | 360 Aluminum Cast or C836 Red Brass cast. High temperature, silicone gasket provides water tight seal to shade assembly. |
| | LENS | 3-1/2" dia. frosted acrylic lens with frosted acrylic downlight lens provides sealed optical compartment. |
| | STEM | Fully Machined 1/2" Dia. Stem Schedule -40 6061-T6 Aluminum pipe or Schedule -40 Brass pipe. Available in configurable lengths 6" Minimum and 60" maximum overall. |
| | HANG STRAIGHT CANOPY | 4" Round Hang Straight mounting plate with 20° swivel angel. Canopy conceals mounting plate avaliable in 5-5/8" Round or 5-5/8"x5-5/8" Square. Made from Hand Spun 16GA-3003-H14 Aluminum or 16GA-C101 Copper. |
| | RING STACK | Solid aluminum accent rings with solid aluminum spacers; brass or stainless steel accent rings with solid brass spacers. |
| | INSTATTATION | 4" diameter, machined aluminum mounting plate with black finish. For use with 4" octagonal junction box. |
| | MESH SCREEN | Diffuses light in window. Finish to match fixture. |
| | DARK TOP | Eliminates glow in window above shade. |
| | 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. |
| | | Also available with hand-crafted metal finishes including brown patina (BP), green patina (GP), and polish (POL). |
| | | Copper and brass components are also available in powder coat finishes. |
| | | 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. |
| c UL us LISTED | | 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. |
| RoHS | WARRANTY | 5 year limited warranty. |
| MADE IN THE USA | LISTINGS | 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. IP65 Rated. Made in USA. |



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# DATA

| DATE: | PROJECT: | TYPE: |
|---|---|---|

| | LM79 DATA | | | | LM70 DATA | |
|---|---|---|---|---|---|---|
| **TEKA LED #** | **LUMENS (Delivered)** | **CCT** | **INPUT WATTS (Typ.)** | **CRI (Typ.)** | **BUG RATING** | **Minimum Rated Life (hrs.) - 70% of initial lumens (L70)** |
| L10 | 433 | 2700 | 10 | 90 | B0-U3-G1 | 50,000 |
| **L11** | **459** | **3000** | **10** | **90** | **B0-U3-G1** | **50,000** |
| L12 | 504 | 4000 | 10 | 90 | B0-U3-G1 | 50,000 |
| **L13** | **494** | **2200-3500 warm dim** | **10** | **90** | **B0-U3-G1** | **50,000** |
| L15 | 824 | 2700 | 20 | 90 | B0-U3-G1 | 50,000 |
| **L16** | **871** | **3000** | **20** | **90** | **B0-U3-G1** | **50,000** |
| L17 | 959 | 4000 | 20 | 90 | B0-U3-G1 | 50,000 |
| **L18** | **940** | **2200-3500 warm dim** | **20** | **90** | **B0-U3-G1** | **50,000** |



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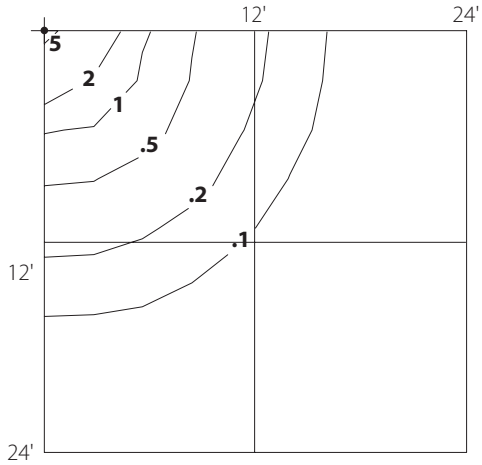
# BEACON STEM MOUNT (BSM) - HORIZONTAL FOOTCANDLES

DATE: | PROJECT: | TYPE:

### BSM - LED - L17 (20W) - 4000K

Mounting Height = 8 Ft, Style = SD10

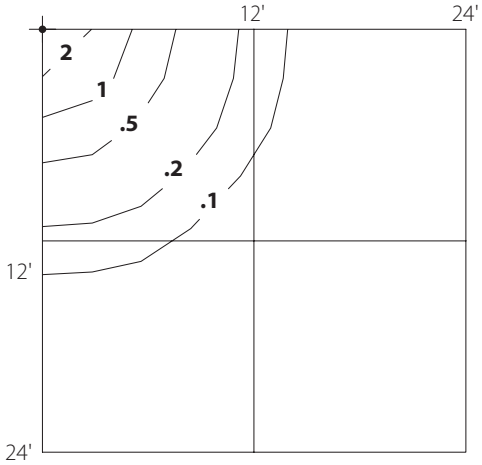



**HORIZONTAL FOOTCANDLES**

Light Loss Factor = 1.00
Luminaire Lumens = 957
Maximum Calculated Value = 5.64 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1
10W Multiplier = .53

### BSM - LED - L12 (10W) - 4000K

Mounting Height = 8 Ft, Style = SD12

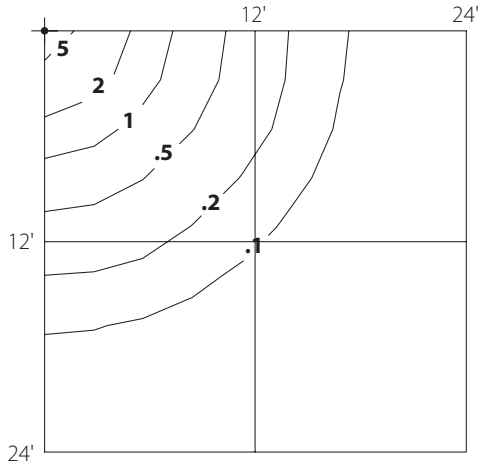



**HORIZONTAL FOOTCANDLES**

Light Loss Factor = 1.00
Luminaire Lumens = 504
Maximum Calculated Value = 3.53 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1

### BSM - LED - L17 (20W) - 4000K

Mounting Height = 8 Ft, Style = SD12

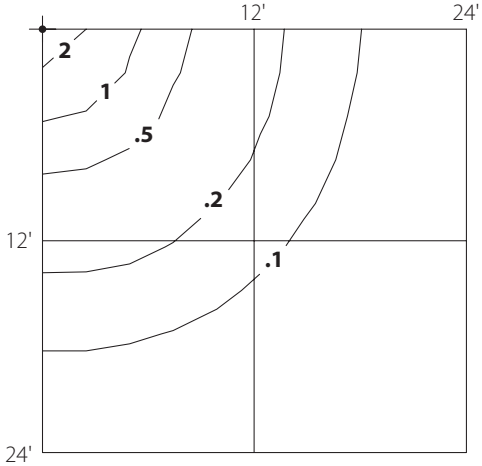



**HORIZONTAL FOOTCANDLES**

Light Loss Factor = 1.00
Luminaire Lumens = 954
Maximum Calculated Value = 6.83 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1
10W Multiplier = .53

### BSM - LED - L17 (20W) - 4000K

Mounting Height = 12 Ft, Style = SD10




**HORIZONTAL FOOTCANDLES**

Light Loss Factor = 1.00
Luminaire Lumens = 957
Maximum Calculated Value = 2.51 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1
10W Multiplier = .53

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# DATA

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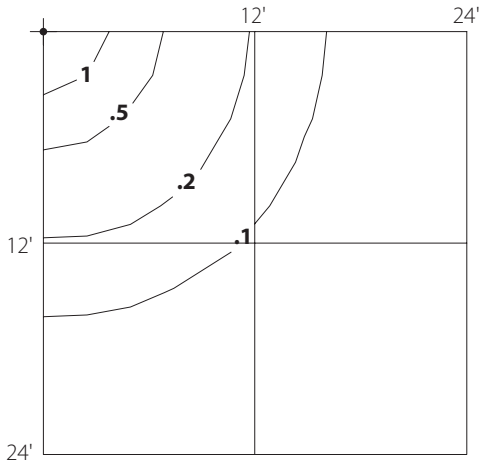
## BSM - LED - L12 (10W) - 4000K

Mounting Height = 12 Ft, Style = SD12

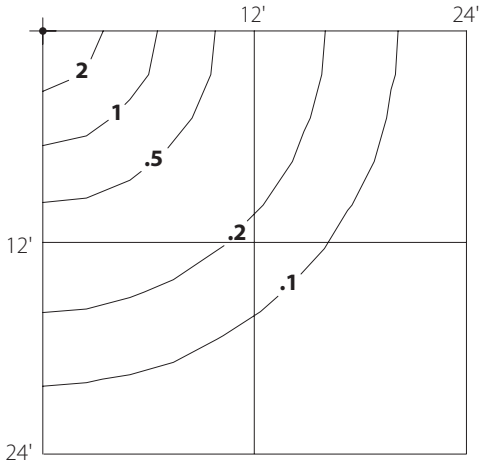



### HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
Luminaire Lumens = 504
Maximum Calculated Value = 1.57 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1

## BSM - LED - L17 (20W) - 4000K

Mounting Height = 12 Ft, Style = SD12




### HORIZONTAL FOOTCANDLES

Light Loss Factor = 1.00
Luminaire Lumens = 954
Maximum Calculated Value = 3.03 Fc
2.7K Multiplier = .86
3K Multiplier = .91
BUG Rating = B0 U3 G1
10W Multiplier = .53

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