DATE:

PROJECT:

TYPE:

CATALOG NUMBER LOGIC:

Lamp details available on the 3rd page.

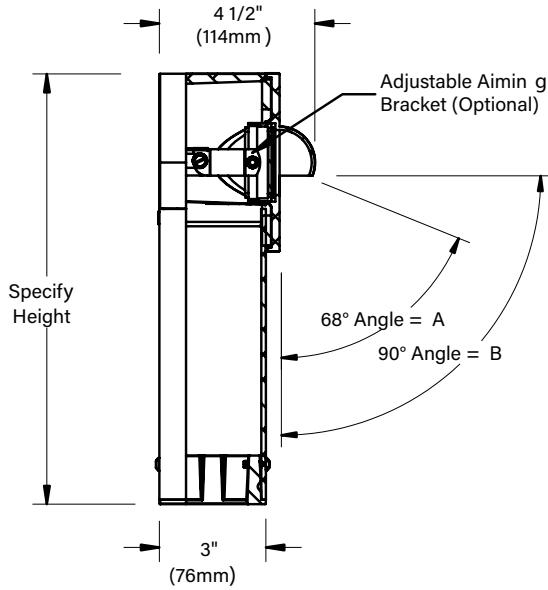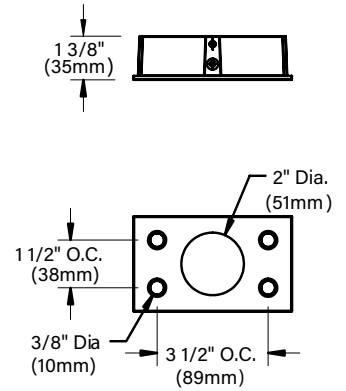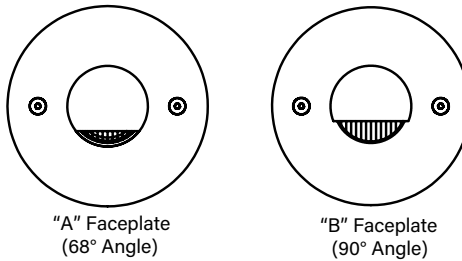| CATALOG NUMBER LOGIC |
|---|
| Example: BS - MR - 359 - BLW - A - 24 - TRSS75 - 120 |
| **MATERIAL** |
| Aluminum |
| **SERIES** |
| BS - Bollard Star |
| **SOURCE** |
| MR - MR16 Lamp |
| **LAMP TYPE** |
| 0 - MR16 HALOGEN LAMP (Furnished by others) |
| MR16 LED (This choice requires lamp number selection)* |
| **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 |
| **STYLE** |
| A - 68° Cutoff (Short) |
| B - 90° Cutoff (Long) |
| **OVERALL HEIGHT** |
| 12" |
| Add per 6" increments for 18", 24", or 30" |
| **OPTIONS** |
| AJ - Adjustable Lamp Bracket |
| TRSS75-120 - Integral 75VA Electronic 120V Transformer |
| TRSS75-230 - Integral 75VA Electronic 230V Transformer |
| TRSS75-277 - Integral 75VA Electronic 277V Transformer |
| PP - Standard Aluminum Base with 12" Power Pipe Stake |
| SF - Stablity Flange (For use with Power Pipe) |

DATE:	PROJECT:	TYPE:

SIDE VIEW

4 1/2"
(114mm)

Adjustable Aiming
Bracket (Optional)

Specify
Height

68° Angle = A

90° Angle = B

3"
(76mm)

3 1/2" O.C.
(89mm)

5"
(127mm)

ANCHOR BASE

1 3/8"
(35mm)

2" Dia.
(51mm)

1 1/2" O.C.
(38mm)

3/8" Dia
(10mm)

3 1/2" O.C.
(89mm)

FACEPLATE OPTIONS

"A" Faceplate
(68° Angle)

"B" Faceplate
(90° Angle)

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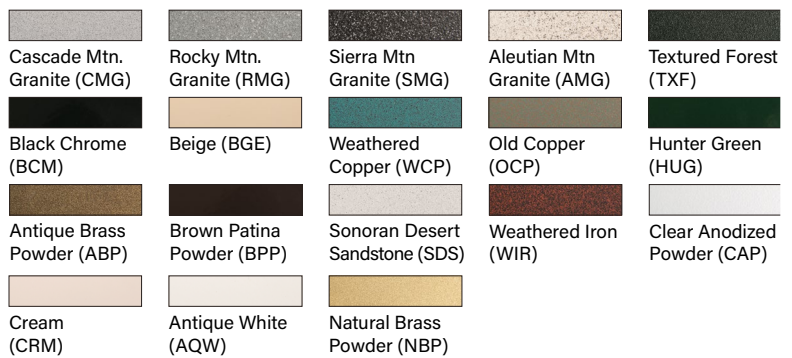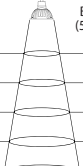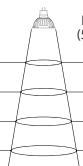
Click Here to view larger, full-color swatches of all
available finishes on our website.

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)

04/05/2023 SKU-352
SUB-2240-00

By SORAA™

B-K Lamp # 359
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-827-H1
Wattage: 7.5W
Lamp Efficacy: 77 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8000
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 575

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	0.5'	634
6'	1.0'	160
9'	1.6'	69
12'	2.1'	40
15'	2.6'	23

B-K Lamp # 361
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3170
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	1.3'	251
6'	2.7'	63
9'	4.0'	27
12'	5.3'	16
15'	6.7'	9

B-K Lamp # 362
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1550
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	1.9'	119
6'	3.9'	30
9'	5.8'	13
12'	7.8'	7
15'	9.7'	4

B-K Lamp # 363
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-830-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8400
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	0.5'	666
6'	1.0'	168
9'	1.6'	72
12'	2.1'	42
15'	2.6'	24

B-K Lamp # 365
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3300
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	1.3'	266
6'	2.7'	67
9'	4.0'	29
12'	5.3'	17
15'	6.7'	10

B-K Lamp # 366
Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1650
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630

Distance feet	Beam Dia. (50% CBCP)	Footcandles
3'	1.9'	125
6'	3.9'	32
9'	5.8'	14
12'	7.8'	8
15'	9.7'	5

DATE:	PROJECT:	TYPE:

Accessories (Configure separately)

SPECIFICATIONS

ELECTRICAL		
	WATTAGE	7.5W
	WIRING	Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.
	TRANSFORMER	For use with 12VAC remote transformer. Additionally available with optional Integral low voltage transformer. 120, 230, or 277VAC primary voltage, 50/60Hz. 12VAC secondary voltage.

PHYSICAL		
	MATERIALS	Furnished in copper-free aluminum (6061-T6).
	HOUSING	Half-round top is cast construction with machined finish. Sidewalls are machined extrusion with four (4) machined mounting holes.
	FACEPLATE	Cast construction with machined finish. Countersunk holes allow for flush hardware mounting with two (2) tamper-resistant, stainless steel mounting screws.
	LENS	Shock-resistant, heat-treated, glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment. Rectilinear pattern provides wide lateral distribution and long forward throw.
	LAMP	For use with 50W maximum, bi-pin MR16 lamps.* Not for use with IR technology lamps. Halogen sourced by others. *Except GE Light Q42MR16/C/VNSO9 (EZY).
	CUTOFF & AIMING	Choice of 90° or 68° optical cutoff for mounting heights well below typical visual glare angles. Optional adjustable optical bracket provides up to 24° vertical aiming.
	SOCKET	Specification grade, ceramic body, minature bi-pin quartz lamp holder. GU5.3 base. Nickel alloy contacts and heat resistant, spring loaded, stainless steel lamp retaining clips.
	INSTALLATION	Cast anchor base with 2" dia. slip conduit hole and four (4) 3/8" dia. anchor bolt holes (hardware by others). Anchor base provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. Available in standard increments to facilitate fixture elevation above grade.
	HARDWARE	Tamper-resistant, stainless steel hardware. Faceplate and base screws are black oxide treated for additional corrosion resistance.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
	WARRANTY	5-year limited warranty.
	CERTIFICATION & LISTING	ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use, in wet locations, and for installation within 4' of the ground. IP66 Rated. Made in the USA with sustainable processes.

c(UL)us LISTED

RoHS

MADE IN THE USA

04/05/2023 SKU-352
SUB-2240-00