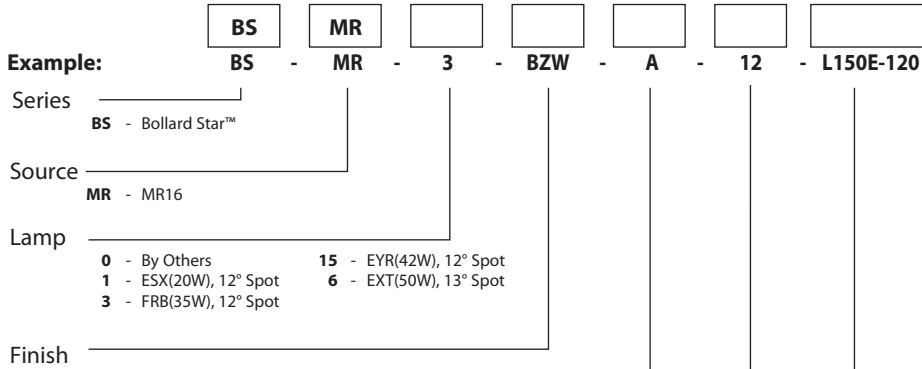


# MR-16 Halogen

# BOLLARD STAR™

<b>PROJECT:</b>	
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	

## CATALOG NUMBER LOGIC



### Standard Finish

Powder Coat Color	Satin	Wrinkle
Bronze	<b>BZP</b>	<b>BZW</b>
Black	<b>BLP</b>	<b>BLW</b>
White (Gloss)	<b>WHP</b>	<b>WHW</b>
Aluminum	<b>SAP</b>	—
Verde	—	<b>VER</b>

### Premium Finish

<b>ABP</b> Antique Brass Powder	<b>CAP</b> Clear Anodized Powder	<b>OCP</b> Old Copper
<b>AMG</b> Sierra Mountain Granite	<b>CMG</b> Cascade Mountain Granite	<b>RMG</b> Rocky Mountain Granite
<b>AMG</b> Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>TXF</b> Textured Forest
<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>WCP</b> Weathered Copper
<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WIR</b> Weathered Iron
<b>BPP</b> Brown Patina Powder	<b>NBP</b> Natural Brass Powder	<i>Also available in RAL Finishes See submittal SUB-1439-00</i>

Style

- A** - Short (68° Cutoff)
- B** - Long (90° Cutoff)

Overall Height \_\_\_\_\_  
(Specify in inches)  
12", 18", 24", or 30"

Options

- AJ** - Adjustable Lamp Bracket

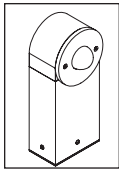
**L75E-120** - Integral 75VA Electronic 120V Transformer  
**L75E-230** - Integral 75VA Electronic 230V Transformer  
**L75E-277** - Integral 75VA Electronic 277V Transformer

**L150E-120** - Integral 150VA Electronic 120V Transformer  
**L150E-230** - Integral 150VA Electronic 230V Transformer

## LAMP DATA

BK No.	Lamp Watts	Description	Rated Life (hrs.)	Center Beam Candlepower	Beam Angle	Beam Type
1	20	ESX	4,000	4,300	12°	Spot
3	35	FRB	5,000	8,000	12°	Spot
15	42	EYR	5,000	8,200	12°	Spot
6	50	EXT	5,000	10,500	13°	Spot

<b>B-K LIGHTING</b>	40429 Brickyard Drive • Madera, CA 93636 • USA 559.438.5800 • FAX 559.438.5900 www.bklighting.com • info@bklighting.com	SUBMITTAL DATE 7-19-11	DRAWING NUMBER SUB000899.1
	<p style="font-size: small;">THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.</p>		

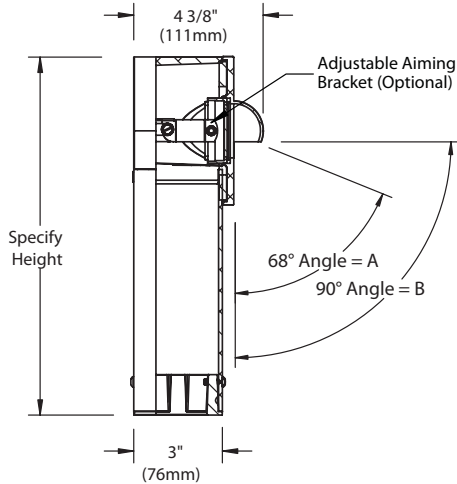


# MR-16 Halogen

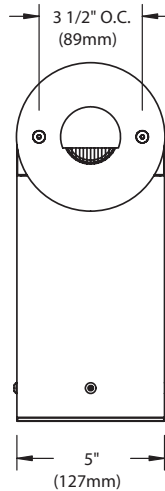
# BOLLARD STAR™

PROJECT:	
TYPE:	

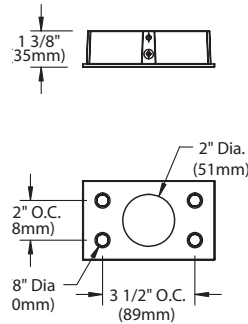
### SIDE VIEW



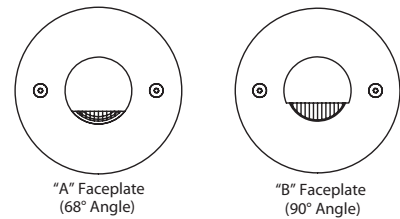
### FRONT VIEW



### ANCHOR BASE

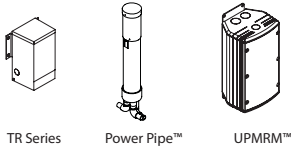


### FACEPLATE OPTIONS



### Accessories (Configure separately)

#### Remote options:



TR Series      Power Pipe™      UPMRM™

## SPECIFICATIONS

### GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult [www.bklighting.com/greensource](http://www.bklighting.com/greensource) for program requirements.

### Materials

Furnished in Copper-Free Aluminum (Type 6061-T6).

### Housing

Half-round top is cast construction with machined finish. Sidewalls are machined extrusion with [4] machined mounting holes.

### Faceplate

Cast construction with machined finish. Countersunk holes provide for flush hardware mounting with [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.

### Source

For use with 50 watt maximum, bi-pin MR16 lamps.\* Not for use with IR technology lamps.  
\*Except GE Light Q42MR16/CVNSO9 (EZY).

### Cutoff and 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, miniature 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 [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.

### 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.

### Wiring

Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

### Hardware

Tamper-resistant, stainless steel hardware. Faceplate and base screws are additionally black oxide treated for additional corrosion resistance.

### Finish

StarGuard® (Pat. Pend.), a RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

### Warranty

5 year limited warranty.

### Certification and Listing

ETL Listed to ANSI/UL Standard 1838. Certified to CAN/CSA Standard C22.2 No. 9, and CAN/CSA TIL B-58B. IP66 Rated. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Additionally suitable for installation within 4' of the ground. Made in USA.



\*Teflon is a registered trademark of DuPont Corporation.

# B-K LIGHTING

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