

**B-K LIGHTING**  
SOLID STATE LIGHTING



# LOUVERED BOLLARD STAR™

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

## CATALOG NUMBER LOGIC

**Example:**

BSL - LED - e22 - A7 - BZW - C - 12 - T

Series BSL - Louvered Bollard Star™ Pathlight

Source LED - 'e' Technology with Integral Driver

LED Type e22 - 8WLED/3K

Adjust-e-Lume® Output Intensity\*\* (Choose factory setting) A7

Finish BZW - Black Chrome

**Standard Finish**

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

**Premium Finish**

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

Louwer C - Round 30°

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

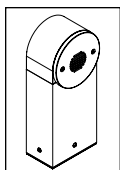
Transformer Options T - Integral TRe20 Electronic Transformer (105-300 VAC, 50/60 Hz, Non-Dimming)

DRIVER DATA	Input Volts	InRush Current	Operation Ambient Temperature
	12VAC/DC 50/60Hz	<1A (non-dimmed)	-10°F-130°F

LM79 DATA				L70 DATA	
BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)	Minimum Rated Life (hrs.) 70% of initial lumens (L <sub>70</sub> )	
e36	2700K	8.4	90	50,000	
e22	3100K	8.4	90	50,000	
e23	4100K	8.4	75	50,000	
e27	Amber (590nm)	7.9	~	50,000	

<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 08-12-14	DRAWING NUMBER SUB-2241-00
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**BKSSL**  
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the power of

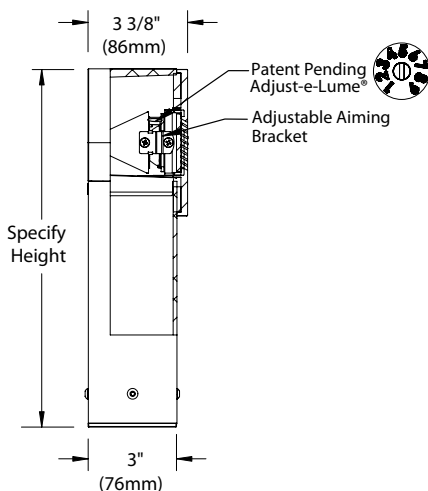


# LOUVERED BOLLARD STAR™

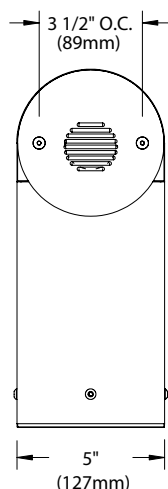
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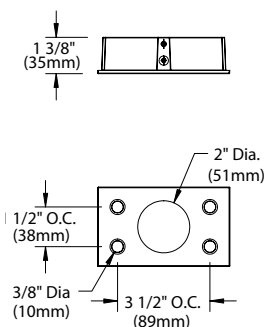
## SIDE VIEW



## FRONT VIEW



## ANCHOR BASE

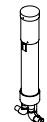


## Accessories (Configure separately)

### Remote options:



TR Series



Power Pipe™



UPMRM™

All dimensions indicated on this submittal are nominal.  
Contact Technical Sales if you require more stringent specifications.

## 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 360).

### Housing

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

### Faceplate

Fully machined from solid billet. 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.

### BKSSL®

Integrated solid state 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.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to <1A. Conforms to Safety Std. C22.2 No. 250.13-12.

### Adjust-e-Lume® (Pat. Pending)

Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

### Louvers and Aiming

Louver pattern is machined into faceplate to prevent direct view to the source at nadir. 30° optical cutoff for mounting heights well below typical visual glare angles. Adjustable lamp bracket provides up to 24° vertical aiming.

### 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 BKSSL remote transformer. Also available with optional integral, TRe20 electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.

### 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®, 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.

### Warranty

5 year limited warranty.

### Certification and Listing

ITL tested to IESNA LM-79. Lighting Facts Registration per USDOE ([www.lightingfacts.com](http://www.lightingfacts.com)). ETL Listed to ANSI/UL Standard 1838 and UL Subject 8750 and Certified to CAN/CSA Standard C22.2 No. 9. IP66 Rated. RoHS compliant. Suitable for indoor or outdoor use. Suitable for installation in combustible materials (Type Non-IC). Additionally suitable for use in wet locations. Suitable for installation within 4' of the ground. IP66 Rated. Made in USA.



\*Teflon is a registered trademark of DuPont Corporation.

\*Energy Star is a registered trademark of the United States Environmental Protection Agency.

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