

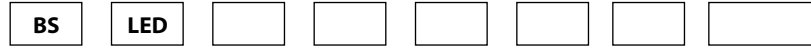
BKSSL
SOLID STATE LIGHTING



BOLLARD STAR™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC



Example:

Series BS - Bollard Star™ Pathlight

Source LED - 'e' Technology with Integral Driver
Designed for use with remote 12VAC BKSSL® transformers. Requires magnetic Low Voltage dimmer

LED Type e22 - 8WLED/3K

Adjust-e-Lume® Output Intensity** (Choose factory setting)
A5 (Standard), A8, A7, A6, A5, A4, A3, A2, A1
***Please see Adjust-e-Lume® photometry to determine desired intensity.*

Finish BZW

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

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

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

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

DRIVER DATA

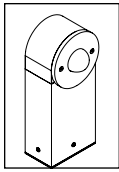
Input Volts 12VAC/DC 50/60Hz	InRush Current < 1A (non-dimmed)	Operation Ambient Temperature -10°F-130°F
--	--	---

LM79 DATA

BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)
e36	2700K	8.4	90
e22	3100K	8.4	90
e23	4100K	8.4	75
e27	Amber (590nm)	7.9	~

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L70)
50,000
50,000
50,000
50,000

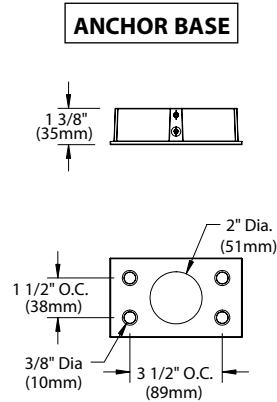
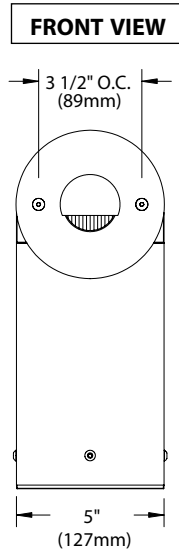
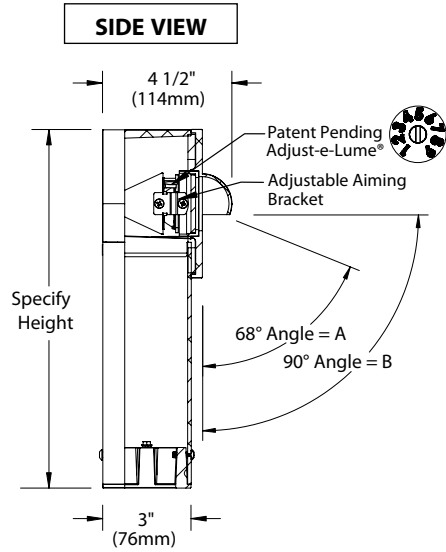


BKSSL
SOLID STATE LIGHTING

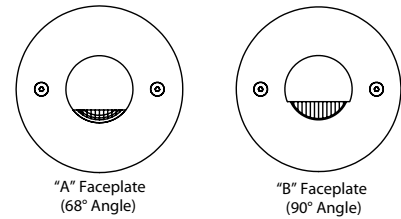
the power of with **adjust-e-Lume®** TECHNOLOGY

BOLLARD STAR™

PROJECT:	
TYPE:	



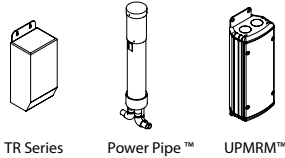
FACEPLATE OPTIONS



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

Accessories (Configure separately)

Remote Transformers:



SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. 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 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
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.

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.

Cutoff and Aiming
Choice of 90° or 68° optical cutoff for mounting heights well below typical visual glare angles. Adjustable optical 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 remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers. 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). 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. Additionally suitable for installation in combustible materials (Type Non-IC). 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.