

BOLLARD STAR LED

IP66 RATED

DATE:	PROJECT:	TYPE:
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CATALOG NUMBER LOGIC:



**Designed for use with 12 VAC. transformer.
Requires magnetic low voltage dimmer.*

***Please see Adjust-e-Lume photometry to
determine desired intensity.*

CATALOG NUMBER LOGIC

Example: BS - LED - e100 - A9 - BLW - A - 24 - TRe20

MATERIAL

Aluminum

SERIES

BS - Bollard Star

SOURCE

LED - with Integral Dimming Driver (25W min. load when dimmed)*

LED TYPE

e100 - 5W LED/2700K	e102 - 5W LED/4000K
e101 - 5W LED/3000K	e103 - 5W LED/Amber

ADJUST-E-LUME® OUTPUT INTENSITY**

A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1

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, CRI, CRM, HUG, MDS, 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" height

OPTIONS

TRe20 - TRe20 Electronic Transformer (105-300 VAC. 50/60 Hz. non-dimming)

B-K LIGHTING

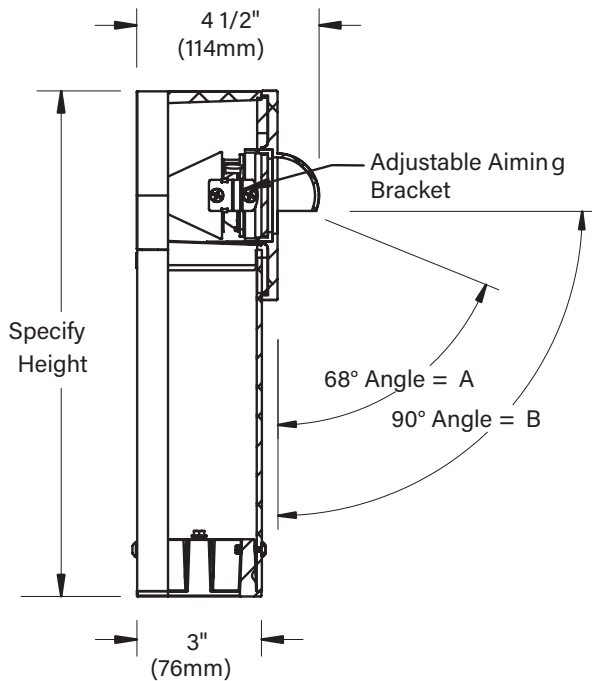
MADE IN THE USA

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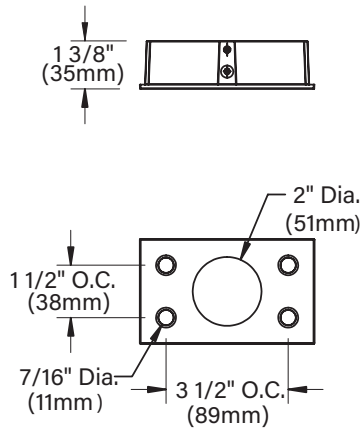
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10/29/2021 SKU-754
SUB001265

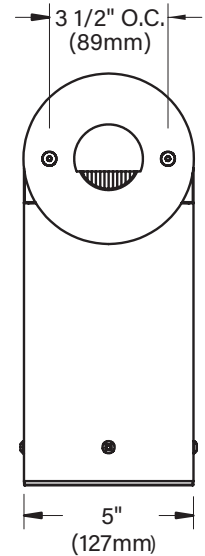
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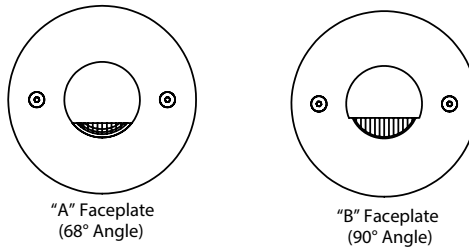
ANCHOR BASE



FRONTVIEW



FACEPLATE OPTIONS



STANDARD FINISHES



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

PREMIUM FINISHES



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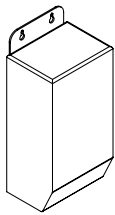
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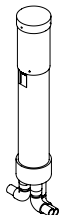
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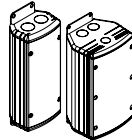
Accessories (Configure separately)



TR Series






Power Pipe



UPMRM

SPECIFICATIONS

ELECTRICAL	WATTAGE	5W LED
	ADJUST-E-LUME	Integral electronics allow for dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed. Specify factory preset output intensity.
	WIRING	Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.
	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.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (360).
	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 provide 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.
	LED	Integrated solid state system and modular design with electrical disconnects allows for easy field upgrade and maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements and 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 (limited to <250mA non-dimming). Output, overvoltage, open-circuit, and short circuit protected. Conforms to Safety Std. C22.2 No. 250.13-12.
	DIMMING	Line voltage dimmable via magnetic low voltage dimmer with dedicated neutral conductor. Remote magnetic transformer with LED loads should be loaded to 25% of the transformer VA (watts) rated value.
	CUTOFF & 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 four (4) 3/8" dia. anchor bolt holes (hardware by others). Anchor base provided with hardcoat (Type III) black anodize finish for maximum corrosion resistance. Optional 12" Power Pipe for direct burial into soil or concrete, which additionally features optional 6" diameter, molded stability flange to simplify installation and projects into substrate to reinforce housing stability.
	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.

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LAMP & DRIVER DATA (e100, e101, e102, e103)

DATE:

PROJECT:

TYPE:

DRIVER DATA

Input Volts	InRush Current	Operating	Dimmable	Operation Ambient Temperature
12VAC/DC 50/60Hz	<250mA (non-dimmed)	500mA	Magnetic Low Voltage Dimmer	-22°F-194°F (-30°C - 90°C)

LM79 DATA

BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)
e100	2700K	80	5
	2700K	80	5
e101	3000K	80	5
	3000K	80	5
e102	4000K	80	5
	4000K	80	5
e103	Amber (590nm)	~	5

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L_{70})
50,000
50,000
50,000
50,000
50,000
50,000
50,000

OPTICAL DATA

Cutoff Angle	Delivered Lumens
A-68° (Short)	26
B-90° (Long)	60
A-68° (Short)	26
B-90° (Long)	61
A-68° (Short)	29
B-90° (Long)	68
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04/22/2020
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