VERTICAL BRICK STAR LED (JUNCTION BOX) IP65 RATED

DATE: | PROJECT: | TYPE:

CATALOG NUMBER LOGIC:

*Requires magnetic low voltage dimmer.

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

CATALOG NUMBER LOGIC	
Example: B - VB - LED - e100 - A7 - SAP	
MATERIAL	
(Blank) - Aluminum	B - Brass
INSTALLATION	
(Blank) - Back Box	
SERIES	
VB - Vertical Brick Star	
SOURCE	
LED - with Integral Dimming Driver (25W min. load when dimmed)*	
LED TYPE	
e100 - 5W LED/2700K	e104 - 5W LED/2700K 90CRI
e101 - 5W LED/3000K	e105 - 5W LED/3000K 90CRI
e102 - 5W LED/4000K	e106 - 5W LED/3500K 80CRI
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, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)	
Also available in RAL Finishes	
Brass Finishes (MAC, POL, MIT)	

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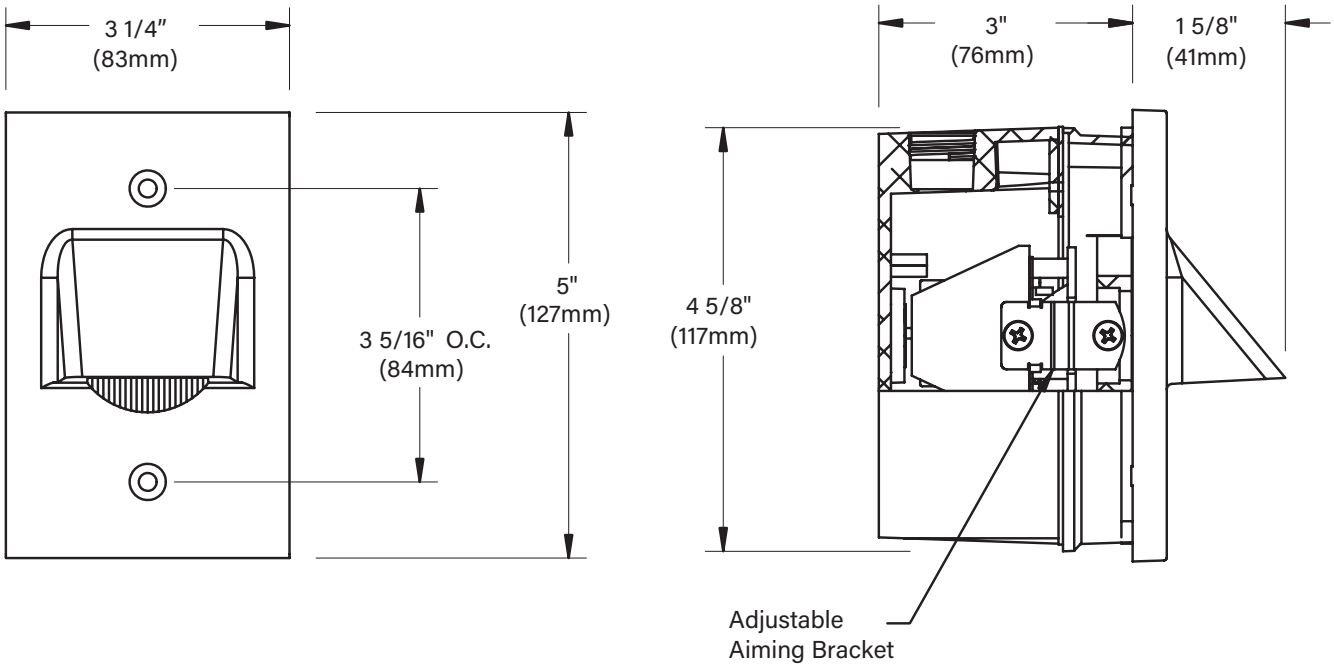
12/06/2022 SKU-769
SUB001014

VERTICAL BRICK STAR LED (JUNCTION BOX)

IP65 RATED

DATE:	PROJECT:	TYPE:



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)

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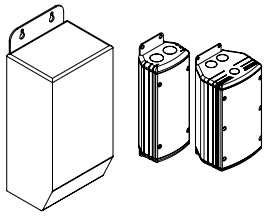
Accessories (Configure separately)



TR Series UPMRM

SPECIFICATIONS

ELECTRICAL	WATTAGE	5W LED
	ADJUST-E-LUME	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.
	WIRING	Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.
	REMOTE TRANSFORMER	For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (360) or brass (360).
	BACKBOX	Rectangular, 4-5/8" x 2-7/8" deep, cast aluminum construction. Front access for wire connection and inspection. Provided with five (5) 1/2" NPS tapped holes and four (4) plugs. Suitable for concrete pour.
	FACEPLATE	Cast construction with machined finish. Countersunk holes provide for flush hardware mounting with two (2) tamper-resistant, stainless steel mounting screws. 1/8" thick HT-805A silicone foam gasket with acrylic adhesive for water-tight seal.
	LENS	Shock-resistant, tempered glass lens is factory adhered to faceplate.
	LED	Integrated solid state system and modular design with electrical quick disconnects is scalable for 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. Output, overvoltage, open-circuit, and short circuit protected. Inrush current limited to <1A (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.
	DIMMING	Line voltage dimmable via magnetic low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with LED loads should be loaded to 25% of the transformer VA (watts) rated value.
	OPTICS	Rectilinear design provides wide lateral distribution and long forward throw.
	CUTOFF & AIMING	90° optical cutoff for mounting heights well below typical visual glare angles. Adjustable optical bracket provides up to 24° vertical aiming.
	HARDWARE	Tamper-resistant, stainless steel fixture hardware. Mounting hardware by others.
	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 in combustible materials (Type Non-IC) and within 4' of the ground. IP65 Rated. Made in the USA with sustainable processes.

c UL us LISTED

RoHS

MADE IN THE USA

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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				L70 DATA	OPTICAL DATA
BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)	Minimum Rated Life (hrs.) 70% of initial lumens (L_{70})	Delivered Lumens
e100	2700K	80	5	50,000	44
e101	3000K	80	5	50,000	45
e102	4000K	80	5	50,000	50
e103	Amber (590nm)	~	5	50,000	~

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