MINI-MICRO - STAFF STAR STYLE 'B' LED

IP66 RATED

DATE: | PROJECT: | TYPE:

CATALOG NUMBER LOGIC:

*For use with standard Anchor Base only.

**Designed for use with 12 VAC LED transformer.

***For use up to 48" maximum overall height.

CATALOG NUMBER LOGIC	
Example: SF - 24 - B - MM - LED - e71 - FL - WHP - 12 - 11 - A - PP18B	
MATERIAL	
Aluminum	
SERIES	
SF - Staff Star Pathlight	
OVERALL HEIGHT	
24" (Standard), 30", 36", 42", 48", *54", *60", *66", or *72" height	
STAFF STYLE	
B - 180° Radius	
FIXTURE	
MM - Mini-Micro	
SOURCE	
LED - with Non-Dimming Integral Driver**	
LED TYPE	
e70 - 3W LED/2700K	e85 – 3W LED/2700K 90 CRI
e71 - 3W LED/3000K	e86 – 3W LED/3000K 90 CRI
e72 - 3W LED/4000K	e87 – 3W LED/3500K 80 CRI
e73 - 3W LED/Amber	
OPTICS	
NSP - Narrow Spot (17°)	MFL - Medium Flood (28°)
SP - Spot (21°)	ASY - Asymmetrical (17x31°)
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	
LENS TYPE	
12 - Soft Focus	13 - Rectilinear
SHIELDING	
11 - Honeycomb Baffle	
CAP STYLE	
A - 45°	
B - 90°	
C - Flush	
D - 45° Less Weephole (Interior use only)	
E - 90° Less Weephole (Interior use only)	
BASE OPTIONS	
(Blank) - Anchor Base (Standard, for use with remote 12 VAC. LED transformer)	
PP18B - 18" Power Pipe Stake with 'B' Cap***	
PP-TRe20 - Power Pipe T with 18" Stake, TRe20 Electronic Transformer (105-300 VAC. 50/60 Hz. non-dimming)***	
SF - Stability Flange (For use with Power Pipe)	

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.

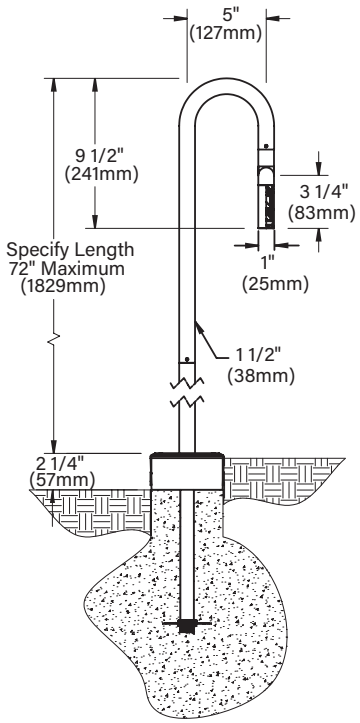
12/06/2022 SKU-1123 P1
SUB-2344-00

MINI-MICRO - STAFF STAR STYLE 'B' LED

IP66 RATED

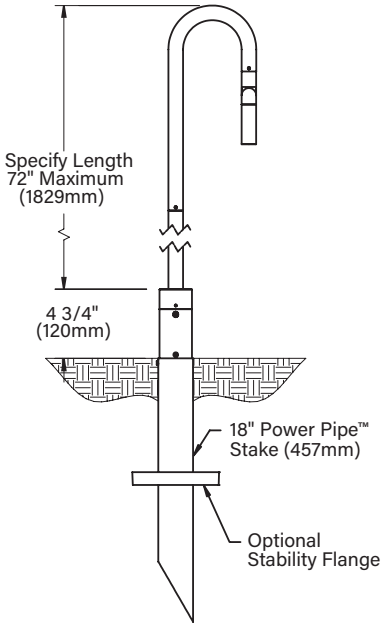
DATE: | PROJECT: | TYPE:

ANCHOR BASE



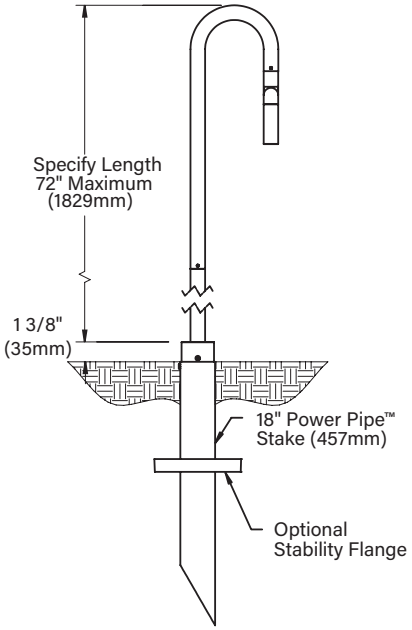
POWER PIPE 'T'

(Mounting Option)

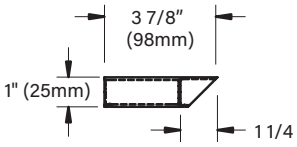


POWER PIPE

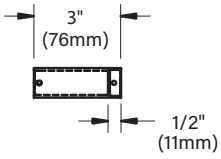
(Mounting Option)



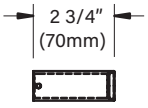
"A/D" CAP



"B/E" CAP



"C" CAP



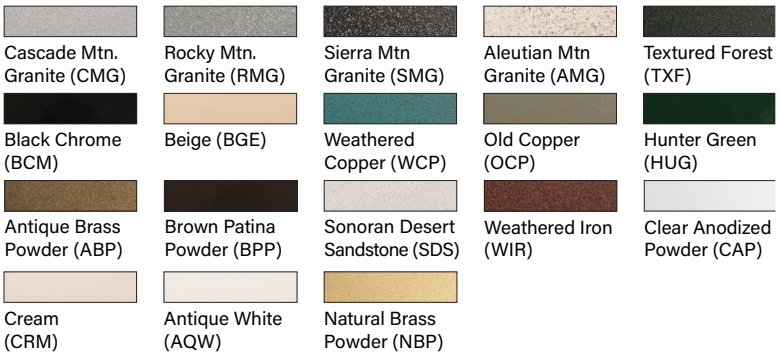
STANDARD FINISHES

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)

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.

12/06/2022 SKU-1123 P1
SUB-2344-00

MINI-MICRO - STAFF STAR STYLE 'B' LED

IP66 RATED

DATE:	PROJECT:	TYPE:

Accessories (Configure separately)

SPECIFICATIONS

ELECTRICAL	WATTAGE	3W LED
	WIRING	PVC coated, 18AWG, 150V, 60°C rated and certified to UL 1838 standard.
	POWER PIPE WITH TRANSFORMER HOUSING	Additionally features integral transformer housing fully machined from copper-free aluminum. High temperature, silicone 'O' Ring provides water-tight seal. Integral, TRe20 electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.
PHYSICAL	STYLE	B style features single bend, 180° radius from fixture to stem.
	MATERIALS	Furnished in copper-free aluminum (6061-T6).
	BODY	Unibody design is fully machined from solid billet and provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.
	KNUCKLE	LOCK Knuckle is integral to the body and features an interior taper machined from solid billet and a second, reverse angle taper allowing full 180° vertical adjustment without the use of aim-limiting serrated teeth. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lbs. static load prior to movement for optical alignment with a ½" pipe thread for mounting.
	CAP	Fully machined and accommodates one (1) lens or louver media.
	STEM	Fully machined, 1" dia. with internal threads for maximum visual appeal. Available in configurable lengths to 72" maximum (with Anchor Base) and 48" maximum (with Power Pipe).
	LENS	Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.
	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.
	OPTICS	Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution.
	ANCHOR BASE	Cast aluminum junction box with pass-through cover. 10" galvanized anchor stem for installation into soil or concrete. For use with 12VAC remote transformer or magnetic transforers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
	POWER PIPE	Provides a clean transition from wiring system to fixture. Schedule 80, 18" PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability. For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
	HARDWARE	Tamper-resistant, stainless steel hardware. LOCK aiming screw screw is 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.

c UL us LISTED

RoHS

MADE IN THE USA

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.

12/06/2022 SKU-1123 P1
SUB-2344-00

MINI-MICRO - STAFF STAR STYLE 'B' LED

DATE:	PROJECT:	TYPE:

SPECIFICATIONS

PHYSICAL	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.

c UL us LISTED

RoHS

MADE IN THE USA

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.

12/06/2022 SKU-1123 P2
SUB-2344-00

LAMP & DRIVER DATA (e70, e71, e72, e73)

DATE:	PROJECT:	TYPE:

DRIVER DATA	Input Volts	InRush Current	Operating Current	Operation Ambient Temperature
	12VAC/DC 50/60Hz	<250mA (non-dimmed)	700mA	-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})	Angle	CBCP	Delivered Lumens
e70	2700K	80	3	50,000	17°	1347	167
	2700K	80	3	50,000	21°	664	139
	2700K	80	3	50,000	28°	524	149
	2700K	~	3	50,000	17°x31°	613	151
e71	3000K	80	3	50,000	17°	1411	175
	3000K	80	3	50,000	21°	695	146
	3000K	80	3	50,000	28°	548	156
	3000K	~	3	50,000	17°x31°	642	158
e72	4000K	80	3	50,000	17°	1585	197
	4000K	80	3	50,000	21°	781	164
	4000K	80	3	50,000	28°	616	175
	4000K	~	3	50,000	17°x31°	721	178
e73	Amber (590nm)	~	3	50,000	~	~	~

OPTICS

Optic	Angle
NSP - Narrow Spot	17°
SP - Spot	21°
MFL - Medium Flood	28°
ASY - Asymmetrical	17°x31°

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.