

the power of 

MICRO NITE™ STAFF STAR™ STYLE B

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

Example: **SF** - **36** - **B** - **MN** - **LED** - **e75** - **SP** - **BZP** - **12** - **11** - **A** - **PP-TRe20**

Series **SF** - Staff Star™ Pathlight

Stem Length **36** - 24", 30", 36", 42", 48", *54", *60", *66", or *72" (Specify in inches) *For use with Standard Anchor Base Only

Style **B** - 180° Radius

Fixture **MN** - Micro Nite Star™

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

LED Type **e67** - 7WLED/2.7K **e69** - 7WLED/4K
e68 - 7WLED/3K **e75** - 7WLED/Amber

Optics* **SP** - Spot (Green Indicator) **MFL** - Medium Flood (Yellow Indicator) **FL** - Flood (Blue Indicator)

Finish **Aluminum Finish** **Premium Finish**

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

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

Lens Type **12** - Soft Focus Lens **13** - Rectilinear Lens

Shielding **11** - Honeycomb Baffle

Cap Style **A** - 45° **B** - 90° **C** - Flush **D** - 45° less Weep Hole (Interior Use Only) **E** - 90° less Weep Hole (Interior Use Only)

Options **Blank** - Anchor Base (Standard, for use with remote transformer)
PP18B - 18" Power Pipe™ stake with 'B' Cap (for use with remote transformer)**
PP-TRe20 - Power Pipe™ "T" option with 18" stake and TRe20 Electronic Transformer** (105-300 VAC, 50/60 Hz, Non-Dimming)
**For use with up to 48" maximum stem length
SF - Stability Flange (for use with Power Pipe™)

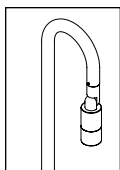
B-K LIGHTING

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RELEASED
07-25-17

DRAWING NUMBER
SUB-2346-00

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BKSSL
BRIGHT KNOCKOUT SOLID STATE LIGHTING

the power of 

MICRO NITE™ STAFF STAR™ STYLE B

PROJECT:

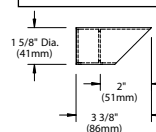
TYPE:

ANCHOR BASE

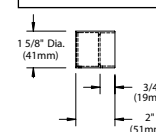
POWER PIPE 'T' (Mounting Option)

POWER PIPE™ (Mounting Option)

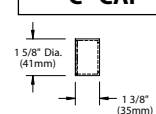
"A/D" CAP



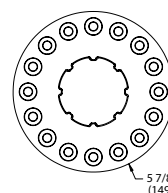
"B/E" CAP



"C" CAP



STABILITY FLANGE (optional)



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 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 6061-T6).

Style

'B' Style provides single bend 180° radius from fixture to stem.

Body

Fully machined from solid billet. Unibody design 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

The LOCK™ (Locking 'O' Ring Compression Knuckle) is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

Cap

Fully machined. Accommodates [1] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 3/4" deep bezel with 90° cutoff ('B' or 'E'), or flush lens ('C') cap styles. Accommodates up to (2) lens or louver media. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

Stem

Fully machined, 1" dia. with internal threads for maximum visual appeal. Available in configurable lengths to 48" maximum overall.

Lens

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

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.

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 <250mA. Conforms to Safety Std. C22.2 No. 250.13-12.

Dimming

Line voltage dimmable via magnetic low voltage dimmer. For use with low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with BKSSL® Power of 'e' technology loads should be loaded to 25% of the transformer VA (watts) rated value.


Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution. Color-coded for easy reference: Spot (SP) = Green. Medium Flood (MFL) = Yellow. Flood (FL) = Blue.


Installation

Available for installation in three distinct mounting conditions:

Anchor Base (Standard)

Cast aluminum junction box with pass-through cover. 10" galvanized anchor stem for installation into soil or concrete. For use with 12VAC  remote transformer.

Power Pipe™ (Optional)

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. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability. For use with 12VAC  remote transformer.

Power Pipe™ with Transformer Housing (Optional)

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.

Remote Transformer

For use with 12VAC  remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

Wiring

PVC coated, 18AWG, 150V, 60°C rated and certified to UL 1838 standard.

Hardware

Tamper-resistant, stainless steel hardware. LOCK™ aiming screw and canopy mounting 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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. IP 66 Rated. Made in USA.



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

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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 (L70)		Angle	CBCP	Delivered Lumens
e67	2700K	80	7	50,000		17°	3632	459
	2700K	80	7	50,000		25°	1708	435
	2700K	80	7	50,000		30°	1337	438
e68	3000K	80	7	50,000		17°	3871	489
	3000K	80	7	50,000		25°	1821	464
	3000K	80	7	50,000		30°	1425	467
e69	4000K	80	7	50,000		17°	3991	504
	4000K	80	7	50,000		25°	1877	478
	4000K	80	7	50,000		30°	1469	481
e75	Amber (590nm)	~	7	50,000		~	~	~

FOR USE WITH	
CH	Chart Star™
MN	Micro Nite Star™
PM-MN	Micro Nite™ Pendant
RM-MN	Micro Nite™ Ring Mount
SF-MN	Micro Nite™ Staff Star™
SM-MN	Micro Nite™ Surface Downlight
SN-MN	Micro Nite™ Sign Star™
ST-MN	Micro Nite™ Twin Sign Star™
TF-MN	Micro Nite™ Twin Staff Star™
TT	Teton Series™
WM-MN	Micro Nite™ Twin Pendant

OPTICS	
Optic	Angle
SP - Spot	17°
MFL - Medium Flood	25°
FL - Flood	30°