

## MICRO NITE STAR LED

IP66 RATED

DATE:	PROJECT:	TYPE:
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CATALOG NUMBER LOGIC:



*\*Designed for use with LED transformer. Requires magnetic low voltage dimmer.*

*\*\*The 360SL cost is already included in the price of UPM, UPM dual, and Power Canopy.*

**CATALOG NUMBER LOGIC**

Example: B - MN - LED - e68 - SP - WHP - 12 - 11 - A - 360SL

**MATERIAL**

(Blank) - Aluminum B - Brass

**SERIES**

MN - Micro Nite Star

**SOURCE**

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

**LED TYPE**

e67 - 7W LED/2700K e82 - 7W/2700K 90 CRI

e68 - 7W LED/3000K e83 - 7W/3000K 90 CRI

e69 - 7W LED/4000K e84 - 7W/3500K 80 CRI

e75 - 7W LED/Amber

**OPTICS**

SP - Spot (17°) MFL - Medium Flood (25°) FL - Flood (30°)

**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)

**LENS TYPE**

12 - Soft Focus 13 - Rectilinear

**SHIELDING**

11 - Honeycomb Baffle

**CAP STYLE**

A - 45°

B - 90°

C - Flush Lens

D - 45° Less Weephole (Interior use only)

E - 90° Less Weephole (Interior use only)

**OPTIONS**

360SL - Knuckle Mounting System\*\*

**MOD OPTIONS**

5 - 5 Ft Leads

25 - 25 Ft Leads

**B-K LIGHTING****MADE IN THE USA**

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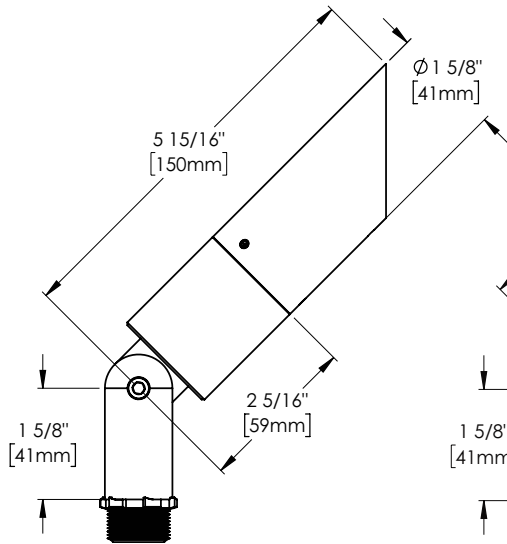
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05/13/2024 SKU-737  
SUB000927

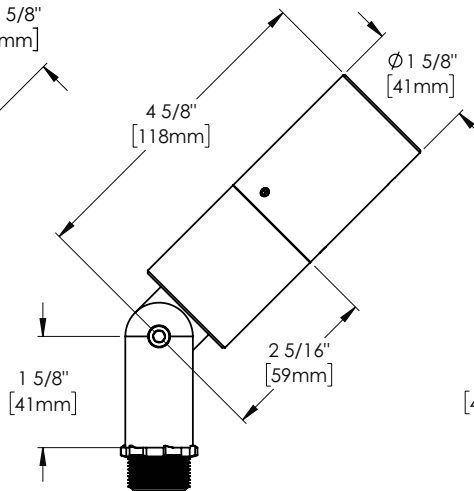
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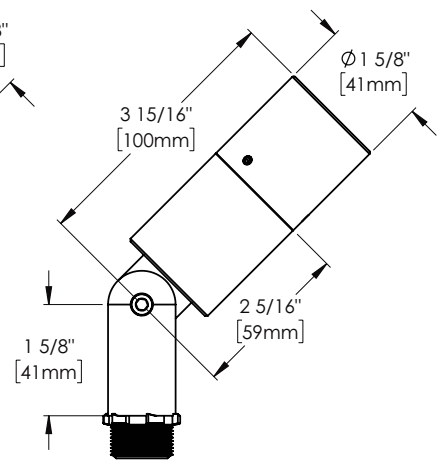
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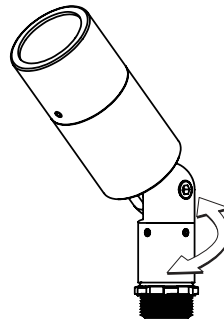
"A/D" CAP



"B/E" CAP



"C" CAP

Horizontal Rotation  
(Optional 360SL Knuckle)

## STANDARD FINISHES



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

## PREMIUM FINISHES

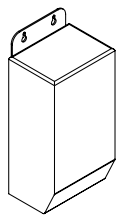
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# MICRO NITE STAR LED

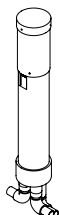
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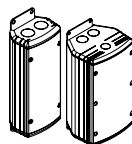
Accessories (Configure separately)



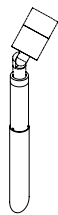
TR Series



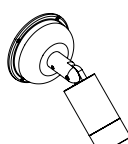
Power Pipe



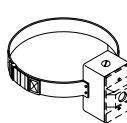
UPMRM



Power Pipe



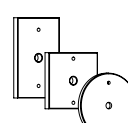
Power Canopy



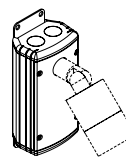
Tree Strap



Stems



Canopies



UPM

## SPECIFICATIONS

ELECTRICAL	WATTAGE	7W LED
	WIRING	XLPE, 18GA,150C, 600V, rated and certified to UL3321.
	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 (6061-T6) or brass (360).
	BODY	Unibody design with enclosed, water-proof wireway and integral heat sink is fully machined from solid billet.
	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. Optional 360SL provides biaxial source control with 360° horizontal rotation in addition to vertical adjustment.
	CAP	Fully machined and accommodates two (2) lens or louver media.
	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 allow 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.
	OPTICS	Interchangeable OPTIKIT modules permit optical field changes. Color-code: Narrow Spot (NSP) = red; Spot (SP) = green; Medium Flood (MFL) = yellow; Wide Flood (WFL) = blue.
	HARDWARE	Tamper-resistant, stainless steel hardware. LOCK aiming 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.
	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.



RoHS



**B-K LIGHTING**

**MADE IN THE USA**

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LAMP & DRIVER DATA (e67, e68, e69, e75)

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 <sub>70</sub> )		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		~	~	~

OPTICS

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