

## MR-11 Halogen

# MICRO NITE STAR™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

## CATALOG NUMBER LOGIC

Example: **B** - **MN** - **MR** - **10** - **BZP** - **9** - **11** - **C** - **360SL**

Material: **B** - Aluminum  
**B** - Brass

Series: **MN** - Micro Nite Star™

Source: **MR** - MR11 Halogen

Lamp: **0** - By Others  
**10** - (12W), 9° Narrow Spot  
**11** - (20W), 10° Narrow Spot  
**12** - (20W), 17° Spot  
**13** - (20W), 30° Flood

Finish: **Aluminum Finish** **Brass Finish** **Premium Finish**

Aluminum Finish			Brass Finish		Premium Finish					
Powder Coat Color	Satin	Wrinkle	Machined	MAC	ABP	Antique Brass Powder	CMG	Cascade Mountain Granite	RMG	Rocky Mountain Granite
Bronze	BZP	BZW	Polished	POL	AMG	Aleutian Mountain Granite	CRI	Cracked Ice	SDS	Sonoran Desert Sandstone
Black	BLP	BLW	Mitique™	MIT	AQW	Antique White	CRM	Cream	SMG	Sierra Mountain Granite
White (Gloss)	WHP	WHW			BCM	Black Chrome	HUG	Hunter Green	TXF	Textured Forest
Aluminum	SAP	—			BGE	Beige	MDS	Mojave Desert Sandstone	WCP	Weathered Copper
Verde	—	VER			BPP	Brown Patina Powder	NBP	Natural Brass Powder	WIR	Weathered Iron
					CAP	Clear Anodized Powder	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	

Lens Type: **9** - Clear (Standard) **10** - Spread\* **12** - Soft Focus\* **13** - Rectilinear\*

Shielding: **11** - Honeycomb Baffle\*

Cap Style: **A** - 45° **B** - 90° **C** - Flush **D** - 45° less weephole (for Interior Use Only) **E** - 90° less weephole (for Interior Use Only)

Options: **360SL** - 360SL™ Rotational Knuckle Mounting System

\* Accommodates only 2 Lens/Shielding media

## LAMP DATA

### MR11

BK No.	Lamp Watts	ANSI Code	Rated Life (hrs.)	Center Beam Candlepower	Beam Angle	Beam Type
10	12	FTA	2,000	2,300	9°	N. Spot
11	20	FTB	2,000	3,000	10°	N. Spot
12	20	FTC	2,000	1,400	17°	Spot
13	20	FTD	2,000	600	30°	Flood

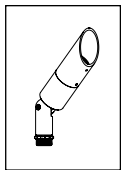
# B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA  
559.438.5800 • FAX 559.438.5900  
www.bklighting.com • info@bklighting.com

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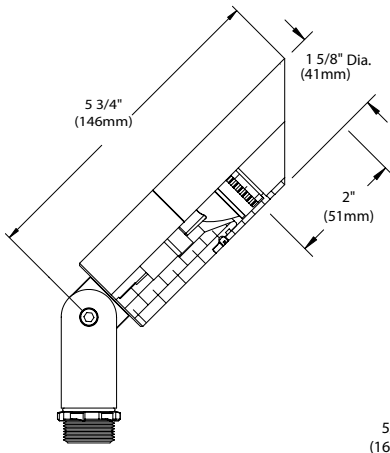
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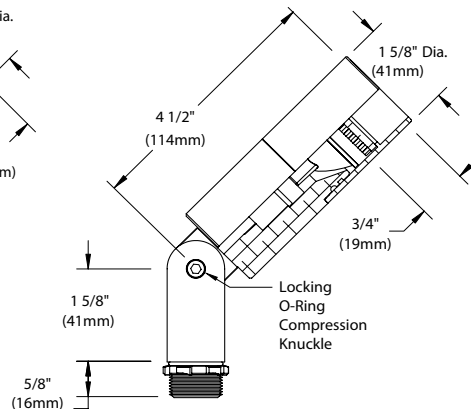
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TYPE:

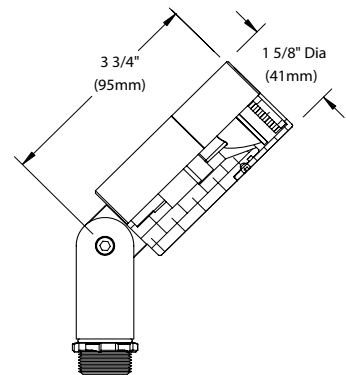
### "A/D" CAP



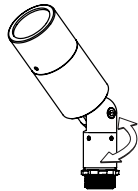
### "B/E" CAP



### "C" CAP



### 360SL™



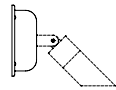
**Horizontal Rotation**  
(Optional 360SL™ Knuckle)

### Accessories (Configure separately)

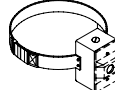
#### Mounting:



Power Pipe™



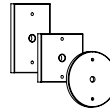
Power Canopy™



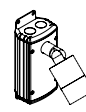
Tree Strap™



Stems



Canopies

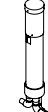


UPM™

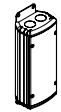
#### Remote Transformers:



TR Series



Power Pipe™



UPMRM™

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](http://www.bklighting.com/greensource) for program requirements.

### Materials

Furnished in Copper-Free Aluminum (Type 6061-T6), or Brass (Type 360).

### Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and heat sink to maximize lamp 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. 1/2" pipe thread for mounting.

Optional 360SL™ additionally provides biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

### Cap

Fully machined. Accommodates [2] lens or louver media. Choose from 45° cutoff ('A' or 'D'), or 1" deep bezel with 90° cutoff ('B' or 'E') cap styles. '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.

### Lens

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.

### Lamp

For use with 20 watt maximum, MR-11 lamp.

### Transformer

For use with 12 VAC remote transformer.

### Socket

Specification grade, ceramic body lamp holder. GU5.3 base. Nickel allow contacts and heat resistant, spring loaded, stainless steel lamp retaining clips.

### Wiring

Teflon® coated wire, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

### Hardware

Tamper-resistant, stainless steel hardware. LOCK™ aiming screw is 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. Brass components are available in powder coat or handcrafted metal finish.

### Warranty

5 year limited warranty.

### Listings

UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Additionally suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4' of the ground. Made in USA.



\*Teflon is a registered trademark of DuPont Corporation.

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