

MR-16 LED

NITE STAR™

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

Example - **NS** - **MR** - - - - - - **360SL**

Material

- Blank** - Aluminum
B - Brass

Series

- NS** - Nite Star™

Source

- MR** - MR16 LED Lamp

Lamp

- 0** - By Others
359 - LED/MR16 (7.5W) 10° Spot 2700K
361 - LED/MR16 (7.5W) 25° Narrow Flood 2700K
362 - LED/MR16 (7.5W) 36° Flood 2700K
363 - LED/MR16 (7.5W) 10° Spot 3000K
365 - LED/MR16 (7.5W) 25° Narrow Flood 3000K
366 - LED/MR16 (7.5W) 36° Flood 3000K

Finish

Aluminum Finish

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

Brass Finish

Machined	MAC
Polished	POL
Mitique™	MIT

Premium Finish

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

Lens Type

- 9** - Clear (Standard)
10 - Spread*
12 - Soft Focus*
13 - Rectilinear*

Shielding

- 11** - Honeycomb Baffle*

Options

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

* Accommodates up to 2 Lens/Shielding media

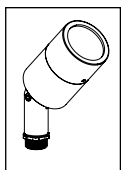
B-K LIGHTING

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

RELEASED
08-08-2019

DRAWING NUMBER
SUB-1017-00

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.



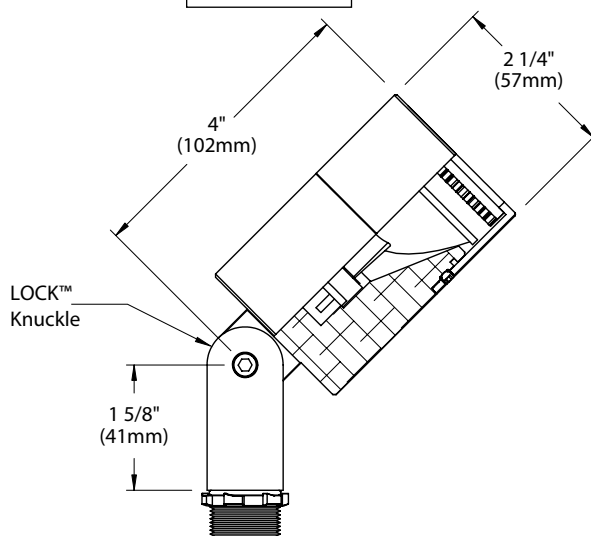
MR-16 LED

NITE STAR™

PROJECT:

TYPE:

SIDE VIEW



180° Vertical adjustment
(Standard)



Horizontal Rotation
(Optional 360SL™ Knuckle)

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), 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. Flush mounted lens. Accommodates up to (2) lens or louver media.

Lens

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

Lamp

For use with 50 watt maximum, MR-16 lamp.* Not for use with IR technology lamps. Halogen source by others.

*Except GE Light Q42MR16/C/VNSP9 (EZY).

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. 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.

B-K LIGHTING

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

RELEASED
08-08-2019

DRAWING NUMBER
SUB-1017-00



By SORAA™

MR16 LED RETROFIT LAMP

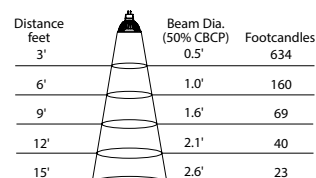
PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

B-K Lamp # 359

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 10° Spot

Mfg. #: MR16-SM16-07-10D-827-H1
Wattage: 7.5W
Lamp Efficacy: 77 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8000
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 575

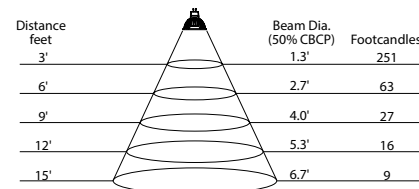


B-K Lamp # 361

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 25° Narrow Flood

Mfg. #: MR16-SM16-07-25D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3170
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

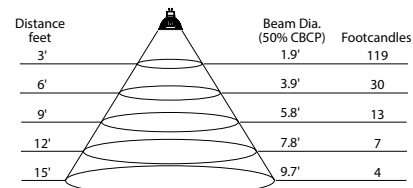


B-K Lamp # 362

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 36° Flood

Mfg. #: MR16-SM16-07-36D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1550
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

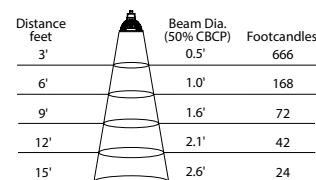


B-K Lamp # 363

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 10° Spot

Mfg. #: MR16-SM16-07-10D-830-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8400
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

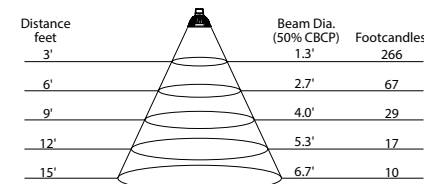


B-K Lamp # 365

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 25° Narrow Flood

Mfg. #: MR16-SM16-07-25D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3300
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630

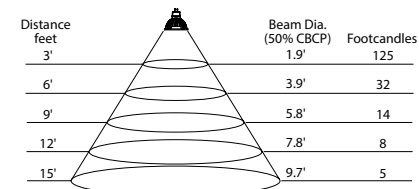


B-K Lamp # 366

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 36° Flood

Mfg. #: MR16-SM16-07-36D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1650
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630



B-K LIGHTING

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

SUBMITTAL DATE
08-08-2019

DRAWING NUMBER
SUB-2099-00

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.