




MR16 Color LED Lamp



A state of the art LED source and advanced driver, control, and thermal components comprise an integrated LED system with superior lifetime performance. Exceptional optics creates enhanced color uniformity and high lumen output, providing the quality and brightness of light produced by conventional light sources.

Lamp Features

Equivalent Source	N/A
Typical Power Consumption	3W
Max. Power Consumption	5W
LED source	3*1.0W Cree XRE
Base/Socket	GU5.3
Beam Spread	Very Wide Flood
Operating Temperature	-20 °C to +40°C
MOL	2.05", 52mm
Voltage	DC 12V
Rated Life	40,000 hours
Certifications	

benefits

Reduced Energy Consumption

Uses up to 90% less power than incandescent bulbs

Long-Lasting:

Lasts up to 10 times as long as compact fluorescents (CFLs) and up to 100 times longer than incandescents.

Durable:

A solid-state device with no moving parts. Contains no fragile filaments or tubes as in incandescent bulbs. The electronic chip is encapsulated in an epoxy substrate, which provides a protective seal against outside or foreign elements. Resistant to heat, cold and shock

More Efficient

Can generate twice the brightness of light (Lumens) at a fifth the wattage of an incandescent

Customizable

Highly customizable (color, beam spread, base, etc.) to fit all lighting needs

No Heat Build Up

Generates little to no heat during operation. This optimizes energy-efficiency (incandescent bulbs emit up to 98 percent of their energy as heat) and reduces demands on air-conditioning.

Mercury Free

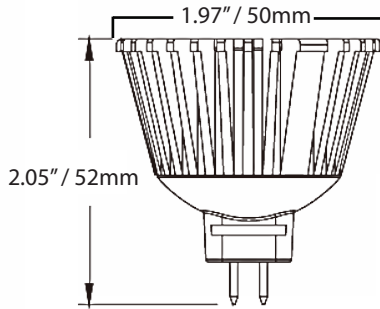
No mercury is used in the manufacturing of LEDs.

Specifications

Specifications	Warm White	Cool White
Color Temperature	N/A	N/A
Lumen Output	N/A	N/A
Efficacy	N/A	N/A
Color Rendering Index (CRI)	N/A	N/A

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Dimensions (in/mm)



Ordering Information

example: NV/MR16/3.1/Color/FL/53/CR

product	color	beam spread	base	LED source
NV/MR16/3.1 - MR16 3*1.0W	Color	FL - Flood VWFL - Very Wide Flood	53 - GU5.3	CR - Cree XRE

Beam Spread Key:

VNSP - Very Narrow Spot: <7°
 NSP - Narrow Spot: 7°-15°
 SP - Spot: 16°-20°
 NFL - Narrow Flood: 21°-30°
 FL - Flood: 31°-40°
 WFL - Wide Flood: 41°-60°
 VWFL - Very Wide Flood: 61°+

Color Key:

W27 - 2700K
 WW - 3000K
 NW - 4000K
 C50 - 5000K
 CW - 5700K

Product Warranty

Nu Vue warrants this LED lamp will be free from defects in material and workmanship and will operate for a period of 1 year under normal operation and when used in accordance with operating guidelines. During the warranty period, if the product fails to perform as described, Nu Vue's entire liability will be limited to the part or repair or replacement of such a defective product. In no event shall Nu Vue be responsible for removal or reinstallation on any product or for the expenses thereof. The above warranty does not apply to, and Nu Vue makes no warranties with respect to products which have been subjected to misuse, neglect, accident, abuse or operated under conditions that deviate from the parameters, established in Nu Vue's applicable specifications; or have been improperly installed, stored, maintained, repaired or altered by anyone other than Nu Vue; or have had their serial numbers or month and year manufacture or shipment removed, defected or altered. This warranty is given only to the original purchaser and may not be assigned or transferred to any other party. It is the purchaser's obligation to retain appropriate documentation that indicates the date of purchase.

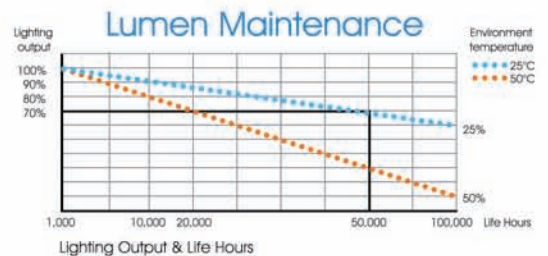


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Your Authorized Nu Vue Lighting Distributor:



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Color Key Fefine

PANTONE White C	PANTONE 2995 C
PANTONE 113 C	PANTONE 2935 C
PANTONE Black C	PANTONE Blue 072 C
PANTONE Red 032 C	PANTONE 2735 C
PANTONE 185 C	PANTONE 587 C
PANTONE 165 C	PANTONE 2582 C
PANTONE 116 C	PANTONE 239 C
PANTONE Yellow C	PANTONE 403 C
PANTONE 3415 C	
PANTONE 3385 C	
PANTONE 319 C	

IR remote control function

- W: Mixed White color
- WW: Mixed warm white color
- OFF: LED off control
- ON: LED ON control (return to last before Off mode)
- R: 100% red color
- G: 100% green color
- B: 100% blue color
- Bright: At W/WW mode 100% 80% 60% brightness select control
- Flash: All fixed colors change per 1sec. start from green color
- Strobe: All fixed colors change per 5sec. start from green color
- Fade: All fixed colors smooth change per 3sec. start from green color
- Smooth: All fixed colors change per 5sec. start from green color

AC line switch control

1. Power off and then power on again to go to next color mode
2. There are a total of 20 color change modes on AC power line, ranging from red color to all fixed colors, flash/strobe/fade/smooth, and back to red



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IR and Switch Mode Table Function

LED Mode	AC Switch Sequence	Display	Color	Note
MODE 0	x	Add 20%	All	Bright add on 20%
MODE 1	x	Dec 20%	All	Bright minus 20%
MODE 2	x	Off	Off	LED Off
MODE 3	x	ON	LED On(Any)	Up to user define last mode
MODE 4	1	Red 100%	Red	Red 100%
MODE 5	2	Green 100%	Green	Green 100%
MODE 6	3	Blue 100%	Blue	Blue 100%
MODE 7	4	White	White	R, G, B 100%
MODE 8	21	Warm White	Warm White	
MODE 9	5	Orange	Orange	
MODE 10	6	Green	Green	
MODE 11	7	Blue	Blue	
MODE 12	17	Flash	All	Change color every 1 Sec
MODE 13	8	Orange	Orange	
MODE 14	9	Green	Green	
MODE 15	10	Blue	Blue	
MODE 16	18	Strobe	All	Change color every 5 Sec
MODE 17	11	Yellow	Yellow	
MODE 18	12	Water	Water	
MODE 19	13	Blue	Blue	
MODE 20	19	Fade	All	Fade in/out color every 3 sec
MODE 21	14	Yellow	Yellow	
MODE 22	15	Water	Water	
MODE 23	16	Blue	Blue	
MODE 24	20	Smooth	All	Fade in/out color every 5 sec



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