




MR11 2.5W 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	20W Halogen
Typical Power Consumption	2.2W
Max. Power Consumption	2.5W
LED source	1*2.5W Cree XPG
Base/Socket	GU4
Beam Spread	Narrow Spot, Spot, Narrow Flood, Flood, Very Wide Flood
Operating Temperature	-20°C to +40 °C
MOL	1.38", 35 mm
Voltage	DC12V
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

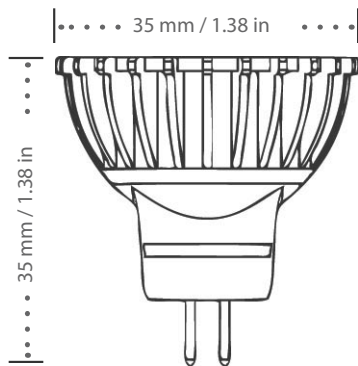
No mercury is used in the manufacturing of LEDs.

Specifications

	Warm White	Cool White
Color Temperature	2000-3500K	4500K+
Lumen Output	123 Lm	154 Lm
Efficacy	56 Lm/W	70 Lm/W
Color Rendering Index (CRI)	80+	70+

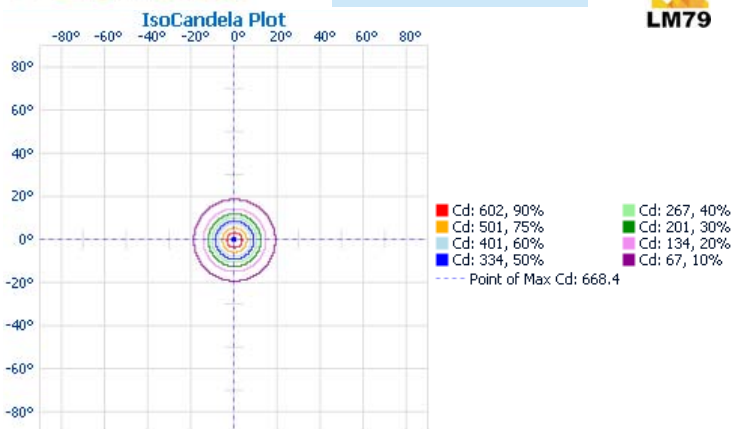
MR11 2.5W LED Lamp

Dimensions (in/mm)



Photometrics

Warm White,
Spot Illustrated



Ordering Information

example: NV/MR11/1.2/WW/FL/4/CG

product

color

beam spread

base

LED source

NV/MR11/1.2 - MR11 1*2.5W

WW - Warm White
CW - Cool White

NSP - Narrow Spot
SP - Spot
NFL - Narrow Flood
FL - Flood
VWFL - Very Wide Flood

4 - GU4

CG - Cree XPG

*Note: This product is not designed for use outside, in sealed fixtures, and moist or wet environments.

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:

WW - Warm White: 2000-3500K
W - White: 3500-4500K
CW - Cool White: 4500K+

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.



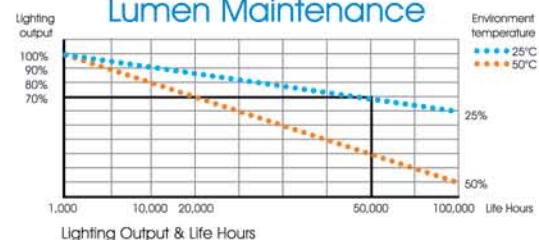
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Your Authorized Nu Vue Lighting Distributor:



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Lumen Maintenance



Nu Vue low-voltage LED lamps are not compatible with all transformers designed for use with halogen lamps. Please consider the following guidelines when selecting a transformer:

DC12V Power Supply

Nu Vue LED lamps will perform at maximum efficiency and with the brightest light output when powered by a DC12V power supply.

AC12V Magnetic Transformer

Our LED lamps are compatible with magnetic transformers designed for 12V halogen lamps. However, magnetic transformers can be heavier, less efficient, and slightly noisier than electronic transformers. When operated under AC12V, the LED lamp will only emit 90% of the maximum potential light output possible under DC 12V.

AC12V Electronic Transformer

Our LED lamps are not compatible with AC12V electronic transformers or AC12V electronic magnetic transformers due to the output instability of these types of transformers. In addition, some electronic transformers require a minimum load of over 5-10 Watts in order to work properly, which the LED lamp often does not meet. Symptoms of incompatibility include: no light output, flickering, strobe effect, and/or random shutdown.

DC Constant Current Driver

Nu Vue LED lamps perform at a high efficiency when used with a constant current driver that has an output greater than DC 8V.



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