






## PAR16 8W LED LAMP

## DIMMABLE



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         | 50W Halogen   |
| Typical Power Consumption | 7.2W  |
| Max. Power Consumption    | 8.0W  |
| LED Source                | Luminus   |
| Base / Socket             | GU10  |
| Beam Spread               | Narrow Flood, Flood   |
| Operating Temperature     | -20°C to +40°C  |
| MOL                       | 55mm  |
| Voltage                   | AC 120V   |
| 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

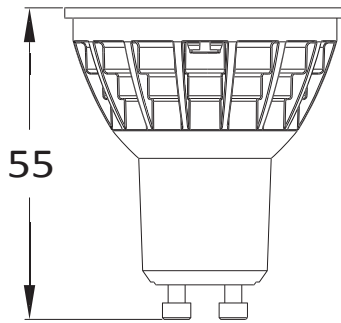
|                             | Warm White      | Cool White |
|-----------------------------|-----------------|------------|
| Color Temperature           | 2700K / 3000K   | 5000K      |
| Lumen Output                | 545Lm / 600Lm   | 710Lm      |
| Efficacy                    | 68Lm/W / 75Lm/W | 89Lm/W     |
| Color Rendering Index (CRI) | 80+             | 70+        |

\*90 AND 95 CRI available by special request

# PAR16 8W LED LAMP

Dimmable

Dimensions (in/mm) - 50



Base GU10  
Net Weight (g) 60

## Ordering Information

example: NV/PAR16/1.8/D/C50/NFL/10/L

| product                             | color  | beam spread                      | base      | LED source  |
|-------------------------------------|--|----------------------------------|-----------|-------------|
| NV/PAR16/1.8/D- PAR16 1*8W Dimmable | W27 - 2700K<br>WW - 3000K<br>NW - 4000K<br>C50 - 5000K | NFL - Narrow Flood<br>FL - Flood | 10 - GU10 | L - LUMINUS |

### 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 3 years 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.

### Warnings & Cautions:

- Dimmer compatibility may vary
- Not for use with emergency exit fixtures or emergency lights
- This product is suitable for use in sealed fixtures and thermal-insulated fixtures
- Turn off power before lamp inspection, installation or removal
- Do not use where exposed to water or weather
- Not for use outside
- Do not open - no serviceable parts inside

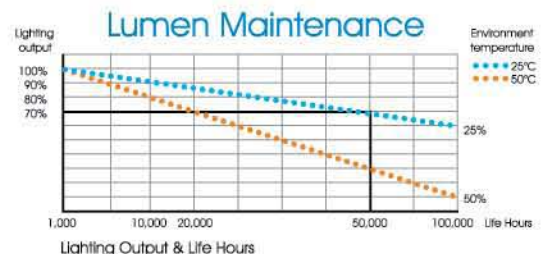


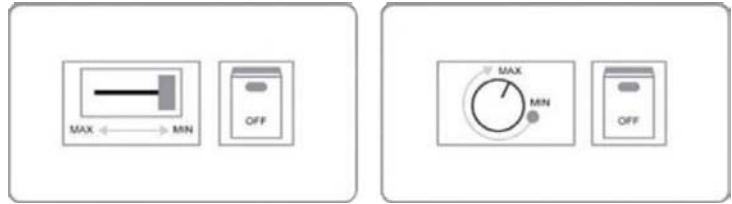
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Your Authorized Nu Vue Lighting Distributor:



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### Operating Guidelines:

- NuVue dimmable bulbs are designed to work with smooth dimmers and may not dim properly with the following dimmer types:
  - Sensor dimmers
  - Stepping dimmers
  - Remote control dimmers
  - Dimmers with memory function
  - Dimmers with rating of 1000W or above

Dimmer incompatibility may result in flickering, flashing, and/or abnormal light output at certain dimmer levels. If experiencing any of the afore mentioned problems, try the following:

1. Check if other high-power-consumption equipment (such as vacuum cleaners, refrigerators, etc.) is being operated on a shared AC line with the dimmable lamps. For best results, operate dimmable lamps on an independent AC line to avoid overloading the line.
2. If possible, increase the number of lamps being used with the dimmer in order to raise total power consumption (to over 35 Watts). A power consumption that is too low on an individual dimmer can result in flickering.

- Lamp may not dim immediately after being turned on
- Lamp may emit a bright flash when turned on
- When the dimmer is set at a low level, the lamp may dim further or cease to emit light as a result of fluctuations in power (due to power outage or use of electrical devices such as hair dryer or microwave)
- For best results, use the power switch to power-off rather than turning the dimmer to its lowest setting
- In the case of shared dimmers, particularly at low settings, light emissions of lamps may be different than when connected to an independent dimmer
- If one or more lamps on a shared dimmer cease to emit light, it may be necessary to set the dimmer to 0% before continuing to use the dimmable function within the emitting range
- Dimmers may emit a soft sound while being tuned



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