

## LED GU10 8W HIGH LUMINOSITY - Glass - 24° - SMD1A1A



### Product code:

Reference: GLS-GU10-8W

### Technical specifications:

REFERENCE: GLS-GU10-8W  
Rated Power : 8w  
Nominal Voltage: 220-240V  
Colour: 2700K - 4000K - 5700K  
CRI - Chromatic Rendiment Index: 80  
Construction Material: Glass  
Luminosity-Lm:  
Number & Type of LEDs: SMD1A1A  
Beam Angle (°): 24°  
Luminous diodo LED (Lm/W): 190 Lm/W  
Luminous Efficiency (Lm/W): 160 Lm/W  
Dimmable:  
Base: GU10  
Certifications: CE - ROHS  
IP : IP20  
Diode Life Expectancy (H): 25000  
Dimensions (mm): Ø50x54mm  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Driver included: DRIVER NO FLICK  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): E  
Warranty Years: 3

### Product short description:

Discover the luminous revolution with our dichroic LED GU10 lamp, powered by the unparalleled SMD1A1A diode. This diode represents the forefront of lighting technology, redefining standards of brightness and efficiency. Its innovative design incorporates a high-quality crystal that enhances the quality of the emitted light. With its 24-degree beam angle, this dichroic ensures extremely focused and radiant illumination, perfect for highlighting specific areas and creating a bright and cozy atmosphere. Furthermore, its energy efficiency and durability make it a smart choice for illuminating any space with style and effectiveness.

### Product description:

LED GU10 8W - SMD1A1A - HIGH LUMINOSITY - Glass - 24°

Discover the luminous revolution with our LED GU10 dichroic lamp, powered by the unparalleled SMD1A1A diode. This diode represents the forefront of lighting technology, redefining standards for brightness and efficiency.

The SMD1A1A, also known as the SMD100\*100 diode, is a rarity in the industry. Its manufacturing is an exclusive achievement, reserved for a few selected factories due to its uniqueness. Designed as a superior alternative to the COB diode, this diode pushes lighting to new limits, with the astonishing ability to reach up to 30 watts in a single SMD.

What makes this diode so extraordinary? Within its structure, it houses 24 cores of 1W each, totaling an impressive power of 24 watts. However, to optimize brightness, only a third of its capacity is used, offering intense and efficient lighting that surpasses any expectations.

One of the great advantages of the SMD1A1A diode is its exceptional angle control (UGR), an essential element for dichroic GU10 lamps. Unlike other devices using multiple 2835 SMDs struggling to control the angle precisely, we've created an exclusive mold for the SMD1A1A, ensuring impeccable angle control with an impressive UGR21.

With our LED GU10 dichroic lamp equipped with the revolutionary SMD1A1A diode, you'll immerse yourself in a world of superior lighting. Experience the perfect combination of power, efficiency, and unprecedented angle control, elevating your environment to unforeseen levels of clarity and luminous beauty.

Certainly! This LED GU10 dichroic lamp, powered by the incredible SMD1A1A diode, not only redefines lighting but also offers extraordinary efficiency with its amazing 160 lumens per watt (lm/W).

This impressive luminous performance of 160 lm/W is a testament to the technical excellence we've incorporated into every detail of this lamp. Thanks to the advanced technology of the SMD1A1A diode and its ability to produce 30 watts in a single SMD, combined with its 24 cores of 1W and UGR21 angle control, we've maximized luminous efficiency without

# Technical Datasheet

sacrificing quality or brightness.

At 160 lm/W, this lamp not only illuminates exceptionally but also saves energy remarkably, providing superior performance compared to conventional lamps and delivering an unparalleled visual experience, where every watt becomes a powerful and effective source of light.

The astonishing performance of our LED GU10 dichroic lamp is not limited to its 160 lumens per watt (lm/W) efficiency; it also guarantees exceptional color reproduction with a Color Rendering Index (CRI) exceeding 80.

Often, in the pursuit of high luminous performance, color fidelity may be sacrificed. However, our lamp has struck a perfect balance between luminous efficiency and accurate color reproduction. With a CRI+80, this LED GU10 dichroic lamp ensures that colors are presented naturally and true to reality, offering a truly exceptional visual experience.

Whether for illuminating workspaces where color accuracy is crucial or enhancing the beauty of objects and environments in home settings, our lamp with CRI+80 guarantees exceptionally high-quality lighting. This distinctive feature allows you to enjoy bright and efficient light without compromising the authenticity and vibrancy of colors in your environment.

Don't wait any longer to experience superior-quality lighting! Get your LED GU10 dichroic lamp now and discover how you can transform your spaces into brightly lit and stylish places.

The high-brightness LED GU10 8W with specific features such as glass and a 24° opening angle offers several advantages:

- Energy Efficiency 160lm/W: It consumes less energy than conventional dichroic lamps, resulting in savings on the electricity bill.
- Long Duration: LEDs have a much longer lifespan than traditional bulbs, reducing the need for frequent replacements.
- High Brightness: It provides powerful and focused lighting, ideal for highlighting specific areas or creating cozy atmospheres.
- 24° Opening Angle: Offers focused and directed light, perfect for illuminating objects or specific areas.
- Glass Material: Provides higher quality and durability compared to plastic materials, in addition to offering a more aesthetic and elegant appearance.
- These features make the high-brightness LED GU10 8W an excellent choice for a wide range of lighting applications.

At FactorLED, we ensure that our products have **QUALITY WARRANTY** and provide all the necessary elements for **DISTRIBUTION**, **IMPORT**, or **WHOLESALE**, including the technical specifications of each LED product.

## Additional images:

**SMS1A1A**



**DIODE 1A1A**  
HIGH EFFICIENCY  
150 / 160 lm/W

