

MR16 – High Power LED Lamp Cup



Benefits

- ▼ **Low Power Consumption** - 3W
- ▼ **High Brightness** - Up to 170 Lumens, **8 TIMES** than the incandescent lamps
- ▼ **Long Life** - Up to 50,000 Hours, adopted the PWM constant current power, protect the LEDs efficiently
- ▼ **Robust Design** - Shock and vibration resistant
- ▼ **Light Beam** - Low heat generated/No UV, adopted the integrative lamp cup & radiator, scatter heat quickly
- ▼ **Easy Installation** - Fits standard GU5.3 base socket and replace the traditional MR16 light source directly
- ▼ **Save Money** - Reduces labor and maintenance costs
- ▼ **Related Approvals** - CE, RoHS, UL

Design For:

Apply to homes, shopping centers, conference rooms, display counters lighting and decoration, usually installed in the MR16 spotlight case.

Special Features:

No.	Special Features
1	With proprietary optical technology, high beam pattern definition and brightness uniformity;
2	Unique Integrated Lens and Lampshade Design. The lens have both light focus and protection LED protection function, avoid the brightness wastage, let the product looks more concise beauty.
3	Creative High Power LED Planar Combine Packaging, Radiator and Lamp holder Integration. Fully protect LED life and heat dissipation requirements, satisfied with the structure and design of LED Lights fundamentally, which the most distinctive features of LED Lights;
4	Tremendous Energy Saving, Used the ultra high power, high brightness LED light source ,together with the high power efficiency power supply, which can save energy up to 80% than the conventional incandescent lamps, under the same power consumption, the brightness is 8 times than the traditional incandescent lamps;
5	Long Life, Up to 50,000 Hours, 50 times than the conventional tungsten wire lamp: Used highly reliable, advanced LED packaging technology - Eutectic Welding, fully guaranteed the LED long life;
6	No Strobe Flashing, Working under DC, eliminate the tireless which caused by the traditional strobe flashing;

Alpine LED

Corporate: 214 Flynn Avenue • Moorestown, NJ 08057, USA

West coast office: 5620 Costa Maritima San Clemente, CA 92673 USA

949-400-1337 Fax 949-203-7725 <http://www.ALPINELED.COM>

MR16 – High Power LED Lamp Cup

7	Green and Environmental Protection: no lead, no mercury, no environmental pollution;
8	Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation: No filament and glass frames, avoid break of the traditional lamp, without harm to the human body;
9	Work under Low-voltage and Low-Heat, Safe and Reliable: The surface temperature is less than (Ta=25°C ambient temperature);
10	Adopting the PWM constant-current technology, with high efficiency, low heat and high precision constant current;
11	Use the external adapter to work with the AC Electricity optional;
12	Global Wide Working Voltage, with constant-current under 85-264VAC entire voltage range, the brightness and lifetime will be not influenced b the voltage fluctuations;
13	Universal standard GU5.3 base, can replace the halogen lamp directly;
14	High brightness efficiency, up to 80lm/w, various color temperature optional, High Color Index, Nice Coloration;
15	Have a number of patents for inventions and utility model patents.

Main Specifications:

Item	Spec.
Model Number	MR16
Model Name	High Power LED Spot Lamp
Dimension	φ 50 x 45mm
Emission Color	Pure White, Warm White (Red, Yellow, Green and Blue optional)
Color Temperature	Pure White: 5,000 – 7,000K, Warm White: 3,000 – 4,000K
CRI	Ra> 70
Luminescence Angle	30°
Lumens	170 lm
Working Voltage	12VAC/DC (85-264VAC, working with external adapter)
Power Consumption	3W
Lamp Lens	Acryl
Lamp Cup Radiator	Alloy Aluminum Plating
Lamp Base	GU5.3
Certification	CE, RoHS
Packing	1 pc/White Box, 10 pcs/Middle Box, 100 pcs/Carton
Carton Size	600 x 308 x 146 mm
Container Q'ty (pcs)	20'Q: 99,000 pcs 40'Q: 204,000 pcs, 40'HQ: 244,800 pcs
Warranty	12 Months

Alpine LED

Corporate: 214 Flynn Avenue • Moorestown, NJ 08057, USA

West coast office: 5620 Costa Maritima San Clemente, CA 92673 USA

949-400-1337 Fax 949-203-7725 <http://www.ALPINELED.COM>