

MR16 Lamp

LED family of MR16 products are designed to replace standard halogen MR16 lamps less than 30W with long life and low energy operating wattage packages. Using CREE's LED, MR16's are ideal for high maintenance applications where directional light sources are required.

Specifications

Lumen Output

Warm White	300
Cool White	365

Equivalent Source	20W and 30W Halogen
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Power Consumption

Warm White	5.8 Watts
Cool White	5.8 Watts

Efficacy

Warm White	51 lm/W
Cool White	64 lm/W

Color Temperature

Warm White	2,700 K
Cool White	5,000 K

Color Rendering Index (CRI)

Warm White	80
Cool White	70

Housing	Aluminum
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Socket	GU5.3
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Beam Angle	15°/30°/40°
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Operating Temperature	-30°C to +35°C
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Voltage	12V AC/DC
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Weight	2 oz
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Warranty	25,000 Hours
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Benefits

- Dimmable
- Reduced energy consumption
- No UV or IR
- Sleek, light weight design
- Long lamp life
- Green product and RoHS compliant



Illuminance cone diagrams

Distance (ft)	Warm white (30 deg)	Footcandles	Diameter (ft)
2		156	1.07
4		39	2.14
6		17	3.21
8		10	4.28
10		6	5.35

Distance (ft)	Cool white (30 deg)	Footcandles	Diameter (ft)
2		188	1.07
4		47	2.14
6		21	3.21
8		12	4.28
10		8	5.35

Applications

- Residential lighting
- Shop lighting
- Hotel lobby
- Museum and gallery
- Restaurant lighting