

MR-16 LED Light

The Most bright LED-MR16 compared with 50W Halogen in the markets



- **Unique same size -**
Almost same dimensions with 50W halogen sizes.
- **High luminance -**
1100~1300lux, warm white (2700k~3200k) @1 meter,
35 degree light beam angle.
- **High CRI -**
CRI>75
- **No UV element in light beam -**
- **Low temperature -**
Keeping LED lead frame low temperature with proprietary
thermal dissipation materials.
- **Environment friendly -**
Eco, ROHS, low CO2 pollution.
- **Energy and maintenance cost saving -**
The MR-16 LED series can replaced existing MR-16 lights.
But it saves 80% energy consumption with same illumination
and provides 40,000 hours of operation life. It is twenty times
life of standard MR-16 lights.



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Product Information

Parts Number	MR1605E11	05E17	05E26	05E27	05GU5.3	05GU10
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General Characteristics

Connector	E11	E17	E26	E27	GU5.3	GU10
Material	Aluminum					
Intensity degradation 90%@25°C	10,000 hrs					
Intensity degradation 75%@25°C	40,000 hrs					
Operation temperature	-20~65°C					
Humidity	60%					

Photometric Characteristics

Luminous flux	225 lm
Illumination (1m)	1100~1300 lux
Correlated colour temperature	2700~3200K (warm white) 5500~6500K (cool white)
Viewing angle	35°

Electrical Characteristics

Input voltage	110VAC / 50~60Hz (MR16-GU5.3: 12V)
Power consumption	5W
Power efficiency	80%

Mechanical Characteristics

Dimension(DxH), Net weight	MR1605E11	48.3x65.0mm, 75gs
	MR1605E17	48.3x67.6mm, 78gs
	MR1605E26	48.3x54.0mm, 79gs
	MR1605E27	48.3x56.5mm, 82gs
	MR1605GU5.3	48.3x41.0mm, 65gs
	MR1605GU10	48.3x58.7mm, 77gs

Package (LxWxH)	53x53x88mm
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Warranty	2 years
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