

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.



PDD LED Lights Series

MR-16 LED Light

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Product Information

| | | | | | | |
|--------------|-----------|-------|-------|-------|---------|--------|
| Parts Number | MR1605E11 | 05E17 | 05E26 | 05E27 | 05GU5.3 | 05GU10 |
|--------------|-----------|-------|-------|-------|---------|--------|

General Characteristics

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|--------------------------------|------------|-----|-----|-----|-------|------|
| 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

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|-------------------------------|--|
| 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

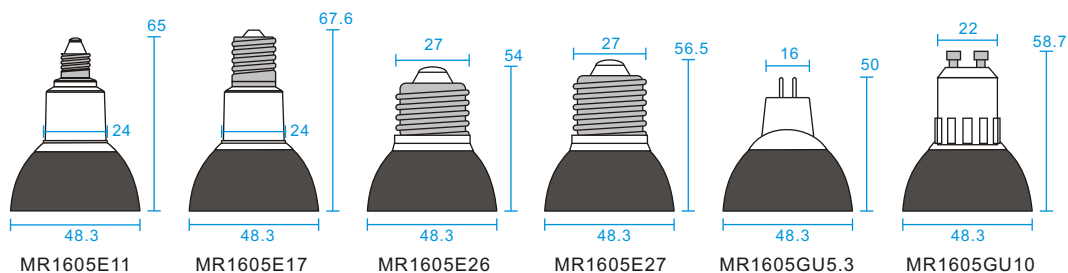
| | |
|-------------------|------------------------------------|
| Input voltage | 110VAC / 50~60Hz (MR16-GU5.3: 12V) |
| Power consumption | 5W |
| Power efficiency | 80% |

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 | 48.3x50.0mm, 65gs |
| | MR1605GU10 | 48.3x58.7mm, 77gs |

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|-----------------|------------|
| Package (LxWxH) | 53x53x88mm |
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| Warranty | 2 years |
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Power Digital DELight Co., Ltd.

5F, No. 51, Sec. 4, Zhongyang Rd., Tucheng City, Taipei County 236, Taiwan, R.O.C.

TEL : +886-2-2269-6818 FAX : +886-2-2269-1055

http : //www.pd3.com.tw