



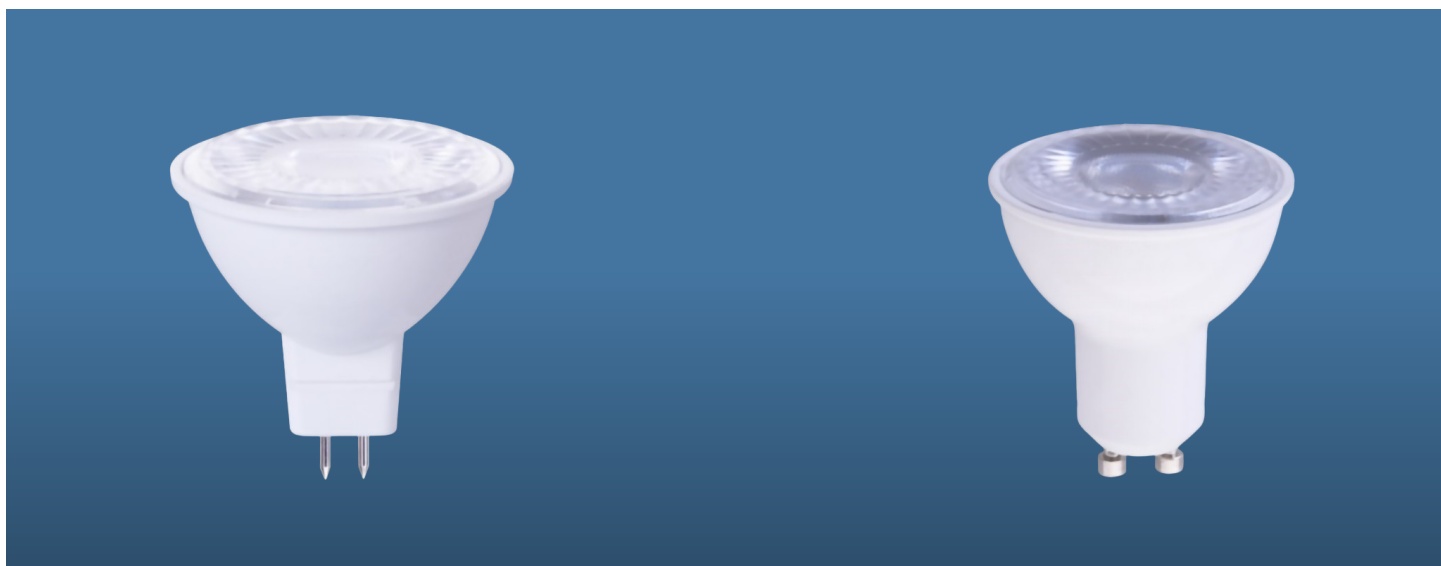
## ADVANCED MR16 LED LAMP

### DESCRIPTION

Jaykal's LED MR16 lamps are made for the government market for replacement of GU5.3 bi-pin base lamps. Exceptional energy savings are achieved while achieving classic fixture upgrades.

### FEATURES

- Up to 80% less energy than halogen alternatives.
- Exceeds all in industry performance requirements.
- Designed for 15,000 hours.
- Very low heat generation.
- Excellent Color consistency and high color rendering (CRI).
- Warranty: 5 Years.



Revised 2/25/2026

*Specifications are typical values and may change without notification*



**JAYKAL**  
efficiency. illuminated

# MR16 LED LAMP

## SPECIFICATIONS

| MODEL                 | JLS-MR16-4.5                  | JLS-MR16-7 |
|-----------------------|-------------------------------|------------|
| WATTAGE               | 4.5W                          | 7W         |
| INPUT VOLTAGE         | 120VAC/12VDC                  |            |
| BEAM ANGLE            | 120°                          |            |
| WARRANTY              | 5 Years, 10 Year Option       |            |
| EFFICACY              | >70 Lm/W                      | >78 Lm/W   |
| LUMENS                | 315                           | 550        |
| CRI                   | >80                           |            |
| CERTIFICATIONS        | UL/ ROHS                      |            |
| ENVIRONMENT           | Indoor                        |            |
| OPERATING TEMPERATURE | -20°C to 40°C                 |            |
| HOUSING MATERIAL      | Plastic and Aluminum          |            |
| CCT                   | 2700K/3000K/3500K/4000K/5000K |            |
| DIMMING               | Phase-cut dimming @120VAC     |            |
| LIFE (L70)            | 15,000+ Hours                 |            |
| DIMENSIONS (W X H)    | (GU10 BASE) 50mm*54mm         |            |

## ORDERING GUIDE

## EXAMPLE JLS-MR16-7-840K-GU10

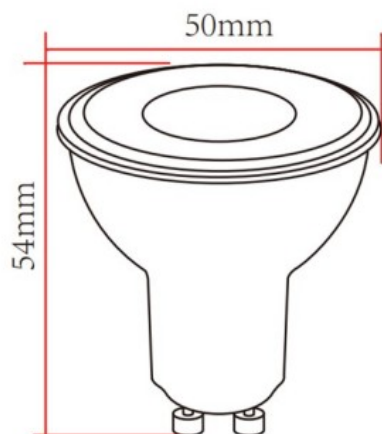
| MODEL | - | TYPE             | - | WATTAGE              | - | CCT                                                                          | - | LAMP BASE                                                        |
|-------|---|------------------|---|----------------------|---|------------------------------------------------------------------------------|---|------------------------------------------------------------------|
| JLS   |   | MR16 = MR16 Lamp |   | 4.5 = 4.5W<br>7 = 7W |   | 827K = 2700K<br>830K = 3000K<br>835K = 3500K<br>840K = 4000K<br>850K = 5000K |   | GU10 = GU10 Base<br><br>GU5.3 = GU5.3 Base *<br><br>* DC12V only |

*Specifications are typical values and may change without notification*

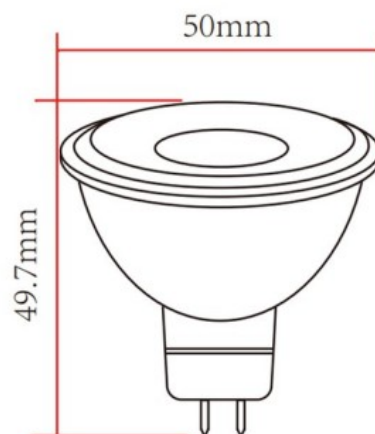
efficiency. illuminated.



## DIMENSIONS



GU10 BASE



GU5.3 BASE

| COMPATIBLE DIMMER LIST |          |                          |               |
|------------------------|----------|--------------------------|---------------|
| NO.                    | BRAND    | MODEL NUMBER             | INTERFACE     |
| 1                      | LUTRON   | MACL-153M-WH             | Phase Cut Dim |
| 2                      | LUTRON   | DVCL-153P-WH             | Phase Cut Dim |
| 3                      | OLEGRAND | RHCL453PW                | Phase Cut Dim |
| 4                      | LEVITON  | LIGH ALMOND NO.6672 600W | Phase Cut Dim |
| 5                      | LEVITON  | WHITE NO.IPL06 600W      | Phase Cut Dim |
| 6                      | LUTRON   | MACL-153MH-WH            | Phase Cut Dim |
| 7                      | LUTRON   | TGCL-153P-WH             | Phase Cut Dim |
| 8                      | LUTRON   | DVCL-153PR-WH            | Phase Cut Dim |
| 9                      | LUTRON   | CTCL-153PDH-WH           | Phase Cut Dim |

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