



MASTER VALUE LEDs pot LV

MASTER LED 6.5-50W 3000K 12V MR16 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Product data

| General Information | |
|---------------------|----------------|
| Cap-Base | GU5.3 [GU5.3] |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|--------------------------|--------------------|
| Color Code | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 24 degree(s) |
| Luminous Flux | 390 lm |
| Luminous Intensity (Nom) | 2,030 cd |
| Color Designation | White (WH) |

| | |
|---------------------------------------|------------|
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 60.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|---------------------------|----------------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 6.5 W |
| Lamp Current (Nom) | 671 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | instant full light s |

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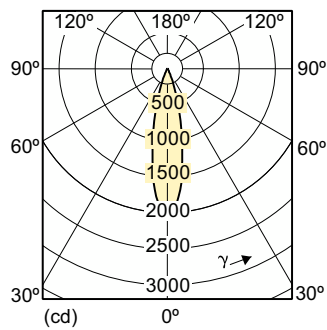
| | |
|---------------------------------|-------------------|
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 12 V |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 7 kWh |

| | |
|---------------------------------|---------------------------------------|
| Product Data | |
| Order product name | MASTER LED 6.5-50W 3000K 12V MR16 24D |
| Full product name | MASTER LED 6.5-50W 3000K 12V MR16 24D |
| Full product code | 871829119146900 |
| Order code | 929000218108 |
| Material Nr. (12NC) | 929000218108 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291191469 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718291191476 |

Dimensional drawing

| Product | D | C |
|---------------------------------------|---------|---------|
| MASTER LED 6.5-50W 3000K 12V MR16 24D | 49.9 mm | 47.8 mm |

Photometric data



Light Distribution Diagram - MASTER LED 6.5-50W 3000K 12V MR16 24D

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