PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 4000K MR16 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs 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

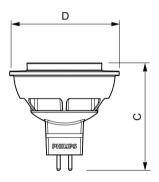
Product data

| General Information | | Correlated Color Temperature (Nom) | 4000 K |
|--------------------------|--------------------|---------------------------------------|------------|
| Cap-Base | GU5.3 | Luminous Efficacy (rated) (Nom) | 82.00 lm/W |
| Nominal lifetime | 25,000 hour(s) | Color Consistency | <6 |
| Switching Cycle | 50,000 | Color rendering index (CRI) | 80 |
| Lighting Technology | LED | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| EU RoHS compliant | Yes | | |
| | | Operating and Electrical | |
| Light Technical | | Line Frequency | - Hz |
| Color Code | 840 [CCT of 4000K] | Input Frequency | – Hz |
| Beam Angle (Nom) | 24 degree(s) | Power Consumption | 5.5 W |
| Luminous Flux | 450 lm | Lamp Current (Nom) | 640 mA |
| Luminous Intensity (Nom) | 1,800 cd | Wattage Equivalent | 50 W |
| Color Designation | Cool White (CW) | Starting Time (Nom) | 0.5 s |

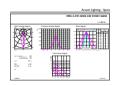
MASTER VALUE LEDspot LV

| Warm-up time to 60% light | 0.5 s | Suitable For Accent Lighting | Yes | |
|---------------------------|-------|---------------------------------|-----------------------------------|--|
| Power Factor (Fraction) | 0.7 | Energy Consumption kWh/1000 h | - kWh | |
| Voltage (Nom) | 12 V | | | |
| | | Product Data | | |
| Temperature | | Order product name | MASTER LED 5.5-50W 4000K MR16 24D | |
| T-Case Maximum (Nom) | 95 ℃ | Full product name | MASTER LED 5.5-50W 4000K MR16 24D | |
| | | Full product code | 871869647609300 | |
| Controls and Dimming | | Order code | 929001146808 | |
| Dimmable | No | Material Nr. (12NC) | 929001146808 | |
| | | Numerator - Quantity Per Pack | 1 | |
| Mechanical and Housing | | EAN/UPC - Product/Case | 8718696476093 | |
| Bulb Shape | MR16 | Numerator - Packs per outer box | 10 | |
| | | EAN/UPC - Case | 8718696476109 | |
| Approval and Application | | | | |
| Energy Saving Product | Yes | | | |

Dimensional drawing

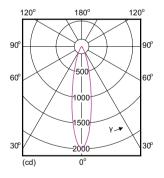


Photometric data



General uniform lighting - MASTER LED 5.5-50W 4000K MR16 24D

| Product | D | с |
|-----------------------------------|---------|-------|
| MASTER LED 5.5-50W 4000K MR16 24D | 50.2 mm | 49 mm |



Light Distribution Diagram - MASTER LED 5.5-50W 4000K MR16 24D

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