

MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 4000K MR16 36D

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] |
| EU RoHS compliant | Yes |
| Nominal Lifetime (Nom) | 25000 h |
| Switching Cycle | 50000 |
| Technical Type | 5.5-50W |

| Light technical | |
|--------------------------|---------------------|
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 36 ° |
| Luminous Flux (Nom) | 450 lm |
| Luminous Intensity (Nom) | 1000 cd |
| Color Designation | Cool White (CW) |

| | |
|---------------------------------------|------------|
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 82.00 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

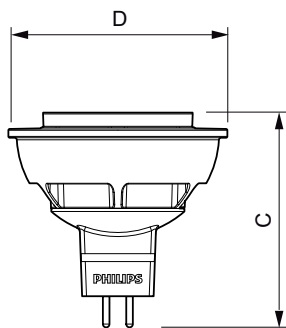
| Operating and electrical | |
|---------------------------------|--------|
| Input Frequency | - Hz |
| Power (Nom) | 5.5 W |
| Lamp Current (Nom) | 640 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | 0.5 s |

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| | |
|---------------------------------|--------------------|
| Power Factor (Nom) | 0.7 |
| Voltage (Nom) | 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 95 °C |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| Approval and application | |
| Energy Saving Product | Yes |

| | |
|---------------------------------|-----------------------------------|
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | - kWh |
| Product data | |
| Full product code | 871869647611600 |
| Order product name | MASTER LED 5.5-50W 4000K MR16 36D |
| EAN/UPC - Product | 8718696476116 |
| Order code | 929001146908 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001146908 |
| Net Weight (Piece) | 0.035 kg |

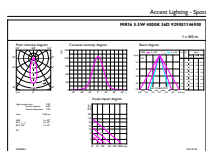
Dimensional drawing



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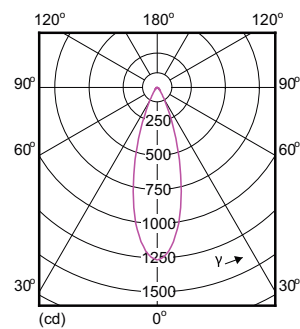
| Product | D | C |
|-----------------------------------|---------|-------|
| MASTER LED 5.5-50W 4000K MR16 36D | 50.2 mm | 49 mm |

Photometric data



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