



MASTER VALUE LEDs pot LV

MAS LEDspotLV VLE D6.3-35W 827MR16 36DRS

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 | |
|--------------------------|--------------------|
| 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 | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 36 degree(s) |
| Luminous Flux | 380 lm |
| Luminous Intensity (Nom) | 980 cd |
| Color Designation | Warm White (WW) |

| Correlated Color Temperature (Nom) | 2700 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 % |
| Luminous Flux in 90° Cone (Rated) | 380 lm |
| | |
| Operating and Electrical | |
| Power Consumption | 6.3 W |
| Lamp Current (Nom) | 800 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | instant full light s |
| Power Factor (Fraction) | 0.7 |

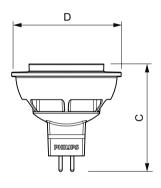
Datasheet, 2023, December 6 data subject to change

MASTER VALUE LEDspot LV

| Voltage (Nom) | 12 V |
|-------------------------------|-------------------|
| | |
| Temperature | |
| T-Case Maximum (Nom) | 100 °C |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| | |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 7 kWh |
| | |

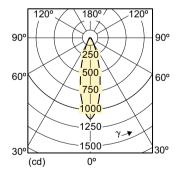
| Product Data | |
|---------------------------------|------------------------------------|
| Order product name | MAS LEDspotLV VLE D6.3-35W 827MR16 |
| | 36DRS |
| Full product name | MAS LEDspotLV VLE D6.3-35W 827MR16 |
| | 36DRS |
| Full product code | 871829177533100 |
| Order code | 929001151762 |
| Material Nr. (12NC) | 929001151762 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291775331 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718291775348 |
| | |

Dimensional drawing



| Product | D | С |
|--|---------|---------|
| MAS LEDspotLV VLE D6.3-35W 827MR16 36DRS | 50.5 mm | 50.5 mm |

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 827MR16 36DRS

Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 827MR16 36DRS

MASTER VALUE LEDspot LV



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.