

# MASTER VALUE LEDs pot LV

## MAS LEDspotLV VLE D6.3-35W 830MR16 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               | 830 [CCT of 3000K] |
| Beam Angle (Nom)         | 36 degree(s)       |
| Luminous Flux            | 395 lm             |
| Luminous Intensity (Nom) | 1,000 cd           |
| Color Designation        | White (WH)         |
|                          |                    |

| Correlated Color Temperature (Nom)   | 3000 K               |
|--------------------------------------|----------------------|
| Luminous Efficacy (rated) (Nom)      | 63 lm/W              |
| Color Consistency                    | <6                   |
| Color rendering index (CRI)          | 80                   |
| LLMF At End Of Nominal Lifetime (Nom | 70 %                 |
| Luminous Flux in 90° Cone (Rated)    | 395 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                  |
|                                      |                      |

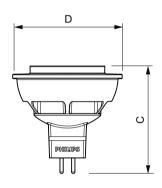
Datasheet, 2023, December 6 data subject to change

# **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             |
|                               |                   |

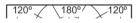
| Product Data                    |                                    |  |
|---------------------------------|------------------------------------|--|
| Order product name              | MAS LEDspotLV VLE D6.3-35W 830MR16 |  |
|                                 | 36DRS                              |  |
| Full product name               | MAS LEDspotLV VLE D6.3-35W 830MR16 |  |
|                                 | 36DRS                              |  |
| Full product code               | 871829178543900                    |  |
| Order code                      | 929001152262                       |  |
| Material Nr. (12NC)             | 929001152262                       |  |
| Numerator - Quantity Per Pack   | 1                                  |  |
| EAN/UPC - Product/Case          | 8718291785439                      |  |
| Numerator - Packs per outer box | 10                                 |  |
| EAN/UPC - Case                  | 8718291785446                      |  |
|                                 |                                    |  |

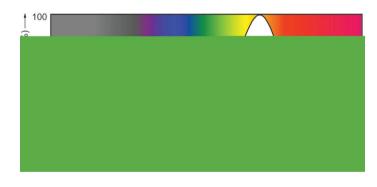
## Dimensional drawing



| Product                                  | D     | С     |
|--|-------|-------|
| MAS LEDspotLV VLE D6.3-35W 830MR16 36DRS | 51 mm | 51 mm |

### Photometric data





Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRS

Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRS

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