



# MASTER VALUE LEDs pot LV

## MASTER LEDspotLV VLE D6.3-35W 840MR16 36DRN

Philips MASTER VALUE MR16 is the series of Low Voltage (12 VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12 V Halogen electronic transformers, it also delivers beam intensity which is equivalent to the 50 W 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 fit 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]      | Luminous intensity (nom.)              | 1,000 cd   |
| Nominal lifetime    | 25,000 h           | Colour designation                     | White (WH) |
| Switching Cycle     | 50,000             | Correlated Colour Temperature          | 4000 K     |
| Lighting Technology | LED                | Luminous efficacy (rated) (nom.)       | 65.00 lm/W |
| EU RoHS compliant   | Yes                | Colour consistency                     | <6         |
| Light Technical     |                    | Colour rendering index (CRI)           | 80         |
| Colour Code         | 840 [CCT of 4000K] | LLMF at end of nominal lifetime (nom.) | 70 %       |
| Beam angle (nom.)   | 36 degree(s)       | Luminous flux in 90° cone (rated)      | 410 lm     |
| Luminous Flux       | 410 lm             | Operating and Electrical               |            |
|                     |                    | Power Consumption                      | 6.3 W      |

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|                           |                      |
|---------------------------|----------------------|
| 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                  |
| Voltage (nom.)            | 12 V                 |

Temperature

|                       |        |
|-----------------------|--------|
| T-Case maximum (nom.) | 100 °C |
|-----------------------|--------|

Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

|            |                     |
|------------|---------------------|
| Bulb shape | MR16 [2 inch/50 mm] |
|------------|---------------------|

Approval and Application

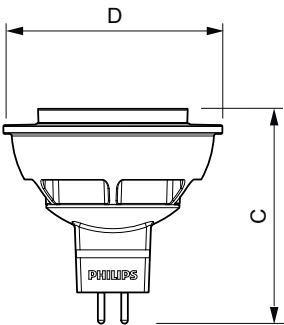
|                              |     |
|------------------------------|-----|
| Suitable for accent lighting | Yes |
|------------------------------|-----|

|                                    |       |
|------------------------------------|-------|
| Energy consumption kWh/1,000 hours | 7 kWh |
|------------------------------------|-------|

Product Data

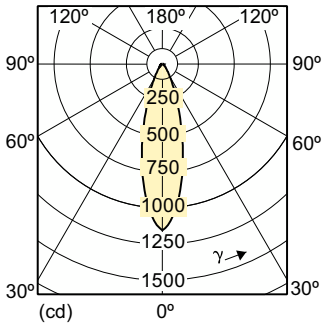
|                                   |   |
|-----------------------------------|---|
| Order product name                | MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN    |
| Full product name                 | MASTER LEDspotLV VLE D6.3-35W 840MR16 36DRN |
| Full EOC                          | 871869649031000                             |
| Order code                        | 49031000                                    |
| Material no. (12 NC)              | 929001152302                                |
| Local order code                  | MLEDV6WG534036N                             |
| SAP numerator – quantity per pack | 1   |
| EAN/UPC – Product/Case            | 8718696490310                               |
| Numerator – packs per outer box   | 10  |
| EAN/UPC - Case                    | 8718696490327                               |

Dimensional drawing

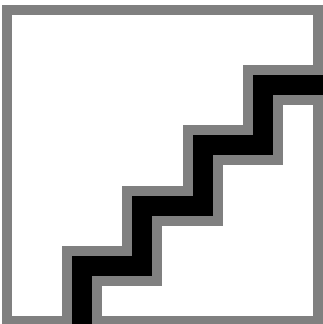


| Product                                  | D       | C       |
|--|---------|---------|
| MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN | 50.5 mm | 50.5 mm |

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN



Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN

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