PHILIPS Lighting



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MASTER VALUE LEDs pot LV

MASTER LED spot VLE D 5.8-35W MR16 927 36D

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

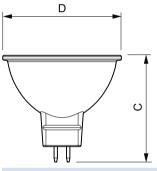
Product data

| eneral Information | | Correlated Colour Temperature (Nom |) |
|---------------------------|-----------------------|--------------------------------------|-----------------|
| p base | GU5.3 [GU5.3] | Luminous efficacy (rated) (nom.) | |
| EU RoHS compliant | Yes | Colour consistency | <6 |
| ominal lifetime (nom.) | 25000 h | Colour rendering index (nom.) | 90 |
| Switching cycle | 50,000X | LLMF at end of nominal lifetime (nom | .) 70 % |
| | Narrow Cone | Luminous flux in 90° cone (rated) | 450 lm |
| Light Technical | | Operating and Electrical | |
| Colour Code | 927 [CCT of 2,700 K] | Input frequency | – Hz |
| Beam Angle (Nom) | 36 ° | Power (Rated) (Nom) | 5.8 W |
| Luminous flux (nom.) | 450 lm | Lamp current (nom.) | 510 mA |
| Luminous intensity (nom.) | 1300 cd | Wattage equivalent | 35 W |
| Colour designation | Warm white (WW) | Starting time (nom.) | 0.5 s |

MASTER VALUE LEDspot LV

| Warm-up time to 60% light (nom.) 0.5 s | | Energy consumption kWh/1,000 hours 6 kWh | | |
|--|----------------------------|--|--|--|
| Power factor (nom.) | 0.7 | | 453173 | |
| Voltage (Nom) | ac electronic 12 V | | | |
| | | Product Data | | |
| Temperature | | Full product code | 871951430718600 | |
| T-Case maximum (nom.) | 85 ℃ | Order product name | MASTER LED spot VLE D 5.8-35W MR16 927 | |
| | | | 36D | |
| Controls and Dimming | | EAN/UPC – product | 8719514307186 | |
| Dimmable | Only with specific dimmers | Order code | 30718600 | |
| | | SAP numerator – quantity per pack | 1 | |
| Mechanical and Housing | | Numerator – packs per outer box | 10 | |
| Bulb shape | MR16 [2inch/50mm] | SAP material | 929002492502 | |
| | | SAP net weight (piece) | 0.045 kg | |
| Approval and Application | | | | |
| Energy Efficiency Class | G | | | |
| Suitable for accent lighting | Yes | | | |

Dimensional drawing

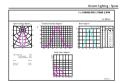


 Product
 D
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 MASTER LED spot VLE D 5.8-35W MR16 927 36D
 50.5 mm
 45.5 mm

MASTER LED spot VLE D 5.8-35W MR16 927 36D

Photometric data



New Fallence B V

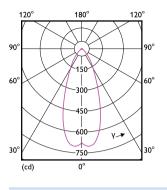
100 100 100 40 20 0 200 300 400 500 600 700 800 λ[nm]→

LEDspots MAS 5,8W MR16 GU5,3 927 36D

LEDspots MAS 5,8W MR16 GU5,3 927 36D

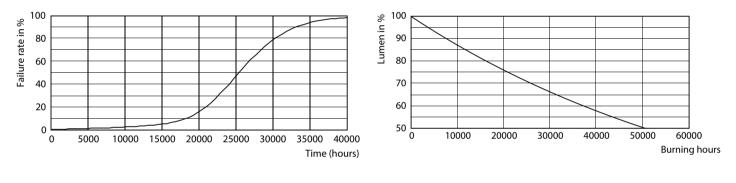
MASTER VALUE LEDspot LV

Photometric data



LEDspots MAS 5,8W MR16 GU5,3 927 36D

Lifetime



LEDspots LED 25K

LEDspots LMP 25K



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