# **PHILIPS** Lighting



# MASTER VALUE LEDs pot LV

# MAS LEDspotLV D 7-35W 940 MR16 15D

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.)

### **Product data**

| General Information                |                     |
|------------------------------------|---------------------|
| Cap-Base                           | GU5.3 [ GU5.3]      |
| Nominal Lifetime (Nom)             | 40000 h             |
| Switching Cycle                    | 50000X              |
| Technical Type                     | 7-35W               |
|                                    |                     |
| Light Technical                    |                     |
| Color Code                         | 940 [ CCT of 4000K] |
| Beam Angle (Nom)                   | 15 °                |
| Light Distribution                 | Narrow beam 15°     |
| Luminous Flux (Nom)                | 430 lm              |
| Luminous Flux (Rated) (Nom)        | 430 lm              |
| Luminous Intensity (Nom)           | 3050 cd             |
| Color Designation                  | Cool White (CW)     |
| Rated Beam Angle                   | 15 °                |
| Correlated Color Temperature (Nom) | 4000 K              |
| Luminous Efficacy (rated) (Nom)    | 61.43 lm/W          |
| Color Consistency                  | <6                  |
| Color Rendering Index (Nom)        | 90                  |
|                                    |                     |

| LLMF At End Of Nominal Lifetime (Nom) | 70 %   |
|---------------------------------------|--------|
| Luminous Flux in 90° Cone (Rated)     | 430 lm |
|                                       |        |
| Operating and Electrical              |        |
| Power (Rated) (Nom)                   | 7 W    |
| Lamp Current (Nom)                    | 720 mA |
| Starting Time (Nom)                   | 0.5 s  |
| Warm Up Time to 60% Light (Nom)       | 1 s    |
| Power Factor (Nom)                    | 0.7    |
| Voltage (Nom)                         | 12 V   |
|                                       |        |
| Temperature                           |        |
| T-Case Maximum (Nom)                  | 92 °C  |
|                                       |        |
| Controls and Dimming                  |        |
| Dimmable                              | Yes    |
|                                       |        |
| Approval and Application              |        |
| Energy Efficiency Label (EEL)         | A      |
|                                       |        |

# MASTER VALUE LEDspot LV

| Energy Saving Product         | Yes   |
|-------------------------------|-------|
| Suitable For Accent Lighting  | Yes   |
| Energy Consumption kWh/1000 h | 8 kWh |
|                               |       |

| Product Data       |                                    |
|--------------------|------------------------------------|
| Full product code  | 871869665933500                    |
| Order product name | MAS LEDspotLV D 7-35W 940 MR16 15D |
| EAN/UPC - Product  | 8718696659335                      |

| Order code                      | 929001152732 |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001152732 |
| Net Weight (Piece)              | 0.045 kg     |
|                                 |              |

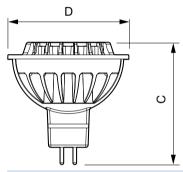
### Warnings and Safety

- $\cdot$  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)

Product

Not intended for use with emergency light fixtures or exit lights

#### Dimensional drawing



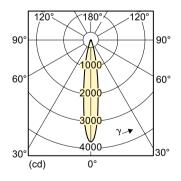
| MAS LEDspotLV D 7-35W 940 MR16 15D | 51 mm | 51 mm |
|------------------------------------|-------|-------|
|                                    |       |       |

с

D

MR16 12V 7W-35W 420lm 15D 4000K Gu5.3 D

### Photometric data



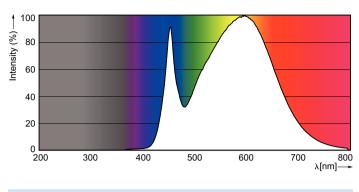
| MR16 7W 15D 4000K 9290011527 | 1 |
|------------------------------|---|
| 1 x 520 im                   |   |
|                              |   |
|                              |   |
| Kallan Jihada                | 1 |

CalculuX Photometrics 4.5 Philips Lighting B.V. Page: 117

LEDspot 7-35W MR16 GU5.3 4000K 530lm 15D

# MASTER VALUE LEDspot LV

Photometric data



7-35 W GU5.3 /840 MR16



© 2019 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.

www.lighting.philips.com 2019, April 2 - data subject to change