PHILIPS Lighting



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MASTER VALUE LEDspot MV

MASTER LED spot VLE D 4.9-50W GU10 940 36D

Delivering a warm, halogen-like accent beam, the MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it achieves more natural colours, creating cosy and comfortable ambience for residential and hospitality projects, and emphasising the beauty of merchandise in retail. These LED spots MV GU10 have the familiar look and feel of spot lamps, keeping the classic beauty of glass spots and adding the strong performance of LED technology. The dimming function enables you to create the atmosphere you desire, and it works with broad selection of dimmers. The MASTER VALUE also offers more energy savings than normal LED spots.

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

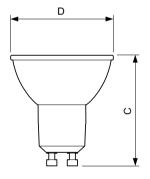
| General Information | | Beam angle (nom.) | 36 degree(s) |
|----------------------------|--------------------|--|-----------------|
| Cap base | GU10 [GU10] | Luminous Flux | 380 lm |
| Iominal lifetime | 25,000 h | Luminous intensity (nom.) | 700 cd |
| witching Cycle | 50,000 | Colour designation | Cool White (CW) |
| _ighting Technology | LED | Correlated Colour Temperature | 4000 K |
| Flux measurement reference | Narrow Cone | Luminous efficacy (rated) (nom.) | 85.71 lm/W |
| E mark | Yes | Colour consistency | <6 |
| U RoHS compliant | Yes | Colour rendering index (CRI) | 90 |
| | | LLMF at end of nominal lifetime (nom.) | 70 % |
| ight Technical | | Luminous flux in 90° cone (rated) | 380 lm |
| Colour Code | 940 [CCT of 4000K] | Flickering value (PstLM) | 1 |

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| Stroboscopic effect | 0.4 |
|--|----------------------------|
| Photobiological safety according to EN | 62471 RG1 |
| | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input frequency | 50 to 60 Hz |
| Power Consumption | 4.9 W |
| Lamp current (nom.) | 27 mA |
| Wattage equivalent | 50 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.8 |
| Voltage (nom.) | 220-240 V |
| | |
| Temperature | |
| T-Case maximum (nom.) | 80 °C |
| | |
| Controls and Dimming | |
| Dimmable | Only with specific dimmers |
| | |
| Mechanical and Housing | |
| Bulb shape | PAR16 [PAR 2 inch/50 mm] |
| | |

| Approval and Application | | | |
|------------------------------------|-------------------------------------|--|--|
| Energy Efficiency Class | F | | |
| Suitable for accent lighting | Yes | | |
| Energy consumption kWh/1,000 hours | 5 kWh | | |
| EPREL registration number | 391889 | | |
| EyeComfort | Yes | | |
| | | | |
| Product Data | | | |
| Order product name | MAS LED spot VLE D 4.9-50W GU10 940 | | |
| | 36D | | |
| Full product name | MASTER LED spot VLE D 4.9-50W GU10 | | |
| | 940 36D | | |
| Full EOC | 871869670789000 | | |
| Order code | 70789000 | | |
| Material no. (12 NC) | 929001349002 | | |
| SAP numerator – quantity per pack | 1 | | |
| EAN/UPC — Product/Case | 8718696707890 | | |
| Numerator – packs per outer box | 10 | | |
| EAN/UPC - Case | 8718696707906 | | |
| | | | |

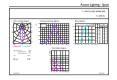
Dimensional drawing

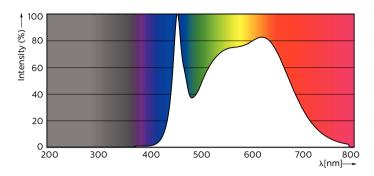


| Product | D | с |
|---|-------|-------|
| MAS LED spot VLE D 4.9-50W GU10 940 36D | 50 mm | 54 mm |

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Photometric data

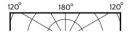




Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10

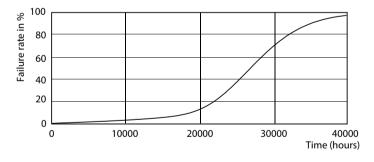
940 36D

Accent Lighting Spots - MAS LED spot VLE D 4.9-50W GU10 940 36D



Light Distribution Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

100 90 80 80

Lumen Maintenance Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

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