



# MASTER VALUE LEDspot MV



## MASTER LED spot VLE D 3.7-35W GU10 930 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

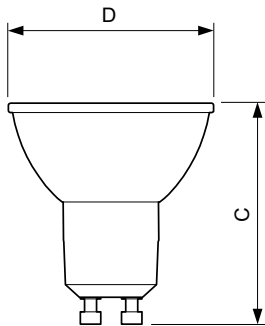
### Product data

| General Information        |                    |  |              |
|----------------------------|--------------------|--|--------------|
| Cap base                   | GU10               | Beam angle (nom.)                      | 36 degree(s) |
| Nominal lifetime           | 25,000 h           | Luminous Flux                          | 270 lm       |
| Switching Cycle            | 50,000             | Luminous intensity (nom.)              | 500 cd       |
| Lighting Technology        | LED                | Colour designation                     | White (WH)   |
| Flux measurement reference | Narrow Cone        | Correlated Colour Temperature          | 3000 K       |
| CE mark                    | Yes                | Luminous efficacy (rated) (nom.)       | 81 lm/W      |
| EU RoHS compliant          | Yes                | Colour consistency                     | <6           |
|                            |                    | Colour rendering index (CRI)           | 90           |
|                            |                    | LLMF at end of nominal lifetime (nom.) | 70 %         |
|                            |                    | Luminous flux in 90° cone (rated)      | 270 lm       |
|                            |                    | Flickering value (PstLM)               | 1            |
| Light Technical            |                    |  |              |
| Colour Code                | 930 [CCT of 3000K] |  |              |

# MASTER VALUE LEDspot MV

|  |                            |
|--|----------------------------|
| Stroboscopic effect                              | 0.4                        |
| Photobiological safety according to EN 62471 RG1 |                            |
| <b>Operating and Electrical</b>                  |                            |
| Line Frequency                                   | 50 to 60 Hz                |
| Input frequency                                  | 50 to 60 Hz                |
| Power Consumption                                | 3.7 W                      |
| Lamp current (nom.)                              | 20 mA                      |
| Wattage equivalent                               | 35 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                  |
| <b>Temperature</b>                               |                            |
| T-Case maximum (nom.)                            | 80 °C                      |
| <b>Controls and Dimming</b>                      |                            |
| Dimmable   | Only with specific dimmers |
| <b>Mechanical and Housing</b>                    |                            |
| Bulb shape                                       | PAR16                      |
| <b>Approval and Application</b>                  |                            |
| Energy Efficiency Class                          | F                          |

## Dimensional drawing

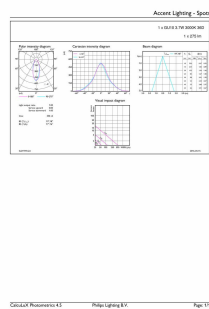


|                                     |  |
|-------------------------------------|--|
| Suitable for accent lighting        | Yes  |
| Energy consumption kWh/1,000 hours  | 4 kWh                                      |
| EPREL registration number           | 400287                                     |
| EyeComfort                          | Yes  |
| <b>Application Conditions</b>       |  |
| Can it be used in closed luminaires | No   |
| <b>Product Data</b>                 |  |
| Order product name                  | MAS LED spot VLE D 3.7-35W GU10 930 36D    |
| Full product name                   | MASTER LED spot VLE D 3.7-35W GU10 930 36D |
| Full EOC                            | 871869670775300                            |
| Order code                          | 70775300                                   |
| Material no. (12 NC)                | 929001348302                               |
| SAP numerator – quantity per pack   | 1  |
| EAN/UPC – Product/Case              | 8718696707753                              |
| Numerator – packs per outer box     | 10   |
| EAN/UPC - Case                      | 8718696707760                              |

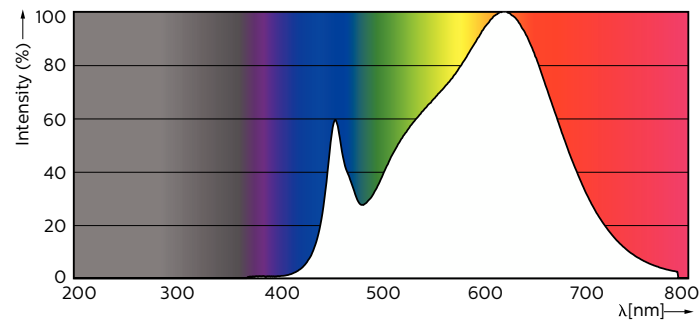
| Product                                 | D     | C     |
|---|-------|-------|
| MAS LED spot VLE D 3.7-35W GU10 930 36D | 50 mm | 54 mm |

MASTER VALUE LEDspot MV

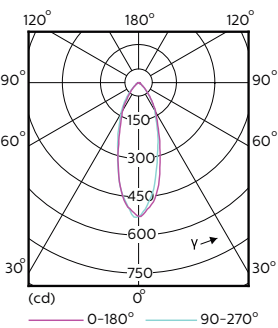
Photometric data



Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 930 36D

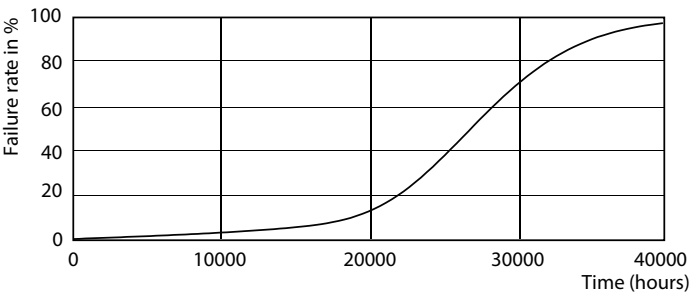


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 930 36D

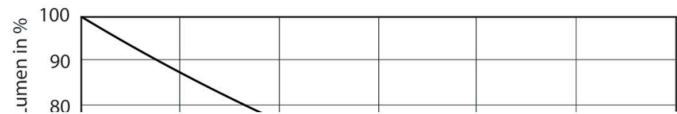


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D

## MASTER VALUE LEDspot MV

