



# MASTER VALUE LEDspot MV

## MAS LED spot VLE D 680lm GU10 940 120D

Delivering a warm, halogen-like accent beam, MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it realizes more natural colors, creating cozy and comfortable ambiances for residential and hospitality projects, and emphasizing 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. 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 [GU10]        |
| Nominal lifetime           | 25,000 hour(s)     |
| Switching Cycle            | 50,000             |
| Lighting Technology        | LED                |
| Flux measurement reference | Sphere             |
| Light Technical            |                    |
| Color Code                 | 940 [CCT of 4000K] |
| Beam Angle (Nom)           | 120 degree(s)      |
| Luminous Flux              | 680 lumen          |

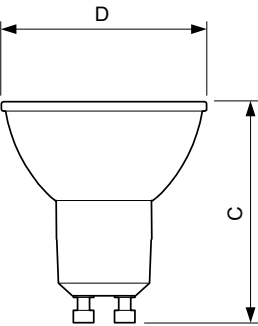
| Luminous Intensity (Nom)              | 200 cd          |
|---------------------------------------|-----------------|
| Color Designation                     | Cool White (CW) |
| Correlated Color Temperature (Nom)    | 4000 K          |
| Luminous Efficacy (rated) (Nom)       | 109.00 lm/W     |
| Color Consistency                     | <6              |
| Color rendering index (CRI)           | 90              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %            |
| Operating and Electrical              |                 |
| Line Frequency                        | 50 to 60 Hz     |
| Input Frequency                       | 50 to 60 Hz     |

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|                              |                            |
|------------------------------|----------------------------|
| Power Consumption            | 6.2 W                      |
| Lamp Current (Nom)           | 33 mA                      |
| Starting Time (Nom)          | 0.5 s                      |
| Warm-up time to 60% light    | 0.5 s                      |
| Power Factor (Fraction)      | 0.88                       |
| 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/50mm]    |
| Approval and Application     |                            |
| Suitable For Accent Lighting | No                         |

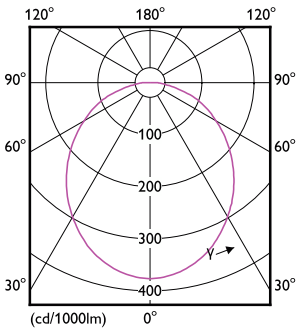
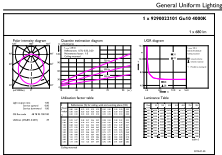
|                                 |                                        |
|---------------------------------|----------------------------------------|
| Energy Consumption kWh/1000 h   | 7 kWh                                  |
| EPREL Registration Number       | 391,918                                |
| EU RoHS compliant               | Yes                                    |
| Product Data                    |                                        |
| Full product code               | 871869970611100                        |
| Order product name              | MAS LED spot VLE D 680lm GU10 940 120D |
| Order code                      | 929002210102                           |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 10                                     |
| Material number (12NC)          | 929002210102                           |
| Full product name               | MAS LED spot VLE D 680lm GU10 940 120D |
| EAN/UPC - Case                  | 8718699706555                          |

Dimensional drawing



| Product                                | D     | C     |
|----------------------------------------|-------|-------|
| MAS LED spot VLE D 680lm GU10 940 120D | 50 mm | 54 mm |

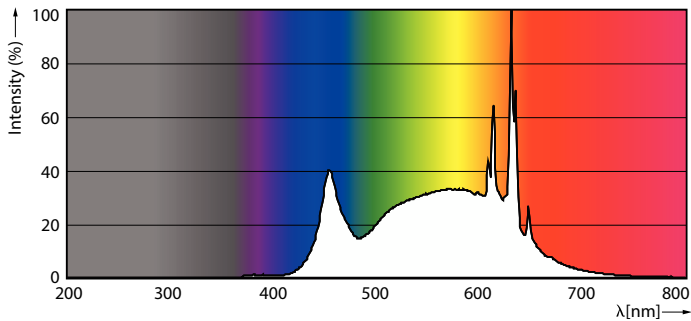
Photometric data



Light Distribution Diagram - MAS LED spot VLE D 680lm GU10 940 120D

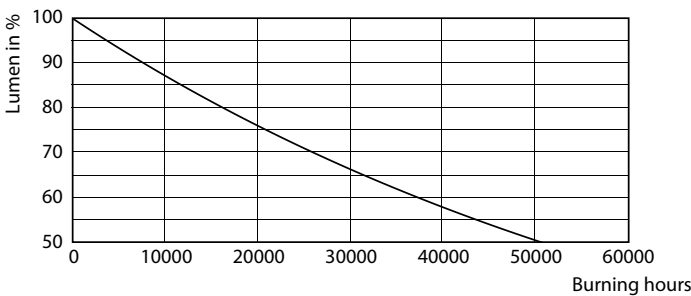
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Photometric data

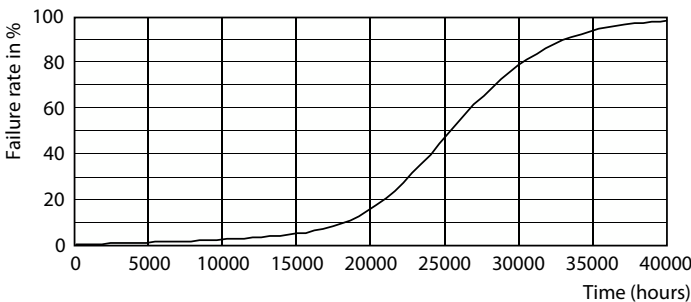


Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 940 120D

Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 680lm GU10 940 120D



Life Expectancy Diagram - MAS LED spot VLE D 680lm GU10 940 120D

