



# MASTER VALUE LEDspot MV

## MAS LEDspotMV VLE D 4.3-50W GU10 840 40D

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 |                    | Luminous Intensity (Nom)              |             |
|---------------------|--------------------|---------------------------------------|-------------|
| Cap-Base            | GU10 [GU10]        |                                       | 800 cd      |
| Nominal lifetime    | 35,000 hour(s)     | Color Designation                     | White (WH)  |
| Switching Cycle     | 50,000             | Correlated Color Temperature (Nom)    | 4000 K      |
| Lighting Technology | LED                | Luminous Efficacy (rated) (Nom)       | 90.70 lm/W  |
| EU RoHS compliant   | Yes                | Color Consistency                     | <6          |
|                     |                    | Color rendering index (CRI)           | 80          |
|                     |                    | LLMF At End Of Nominal Lifetime (Nom) | 70 %        |
|                     |                    | Luminous Flux in 90° Cone (Rated)     | 390 lm      |
| Light Technical     |                    | Operating and Electrical              |             |
| Color Code          | 840 [CCT of 4000K] | Line Frequency                        | 50 to 60 Hz |
| Beam Angle (Nom)    | 40 degree(s)       |                                       |             |
| Luminous Flux       | 420 lm             |                                       |             |

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|                           |                      |
|---------------------------|----------------------|
| Input Frequency           | 50 to 60 Hz          |
| Power Consumption         | 4.3 W                |
| Lamp Current (Nom)        | 23 mA                |
| Wattage Equivalent        | 50 W                 |
| Starting Time (Nom)       | 0.5 s                |
| Warm-up time to 60% light | instant full light s |
| Power Factor (Fraction)   | 0.7                  |
| Voltage (Nom)             | 220-240 V            |

## Temperature

|                      |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 83 °C |
|----------------------|-------|

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|            |                         |
|------------|-------------------------|
| Bulb Shape | PAR16 [PAR 2 inch/50mm] |
|------------|-------------------------|

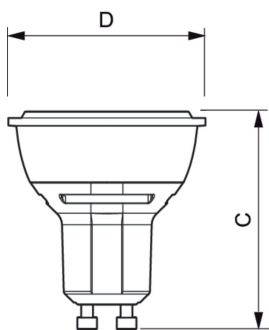
## Approval and Application

|                               |       |
|-------------------------------|-------|
| Suitable For Accent Lighting  | Yes   |
| Energy Consumption kWh/1000 h | 5 kWh |

## Product Data

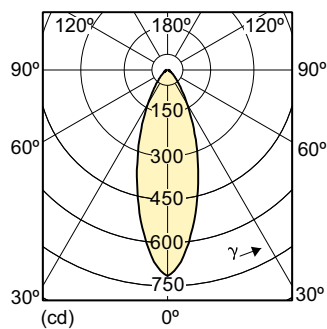
|                                 |  |
|---------------------------------|--|
| Order product name              | MAS LEDspotMV VLE D 4.3-50W GU10 840 40D |
| Full product name               | MAS LEDspotMV VLE D 4.3-50W GU10 840 40D |
| Full product code               | 871869645713900                          |
| Order code                      | 929001138102                             |
| Material Nr. (12NC)             | 929001138102                             |
| Numerator - Quantity Per Pack   | 1  |
| EAN/UPC - Product/Case          | 8718696457139                            |
| Numerator - Packs per outer box | 10                                       |
| EAN/UPC - Case                  | 8718696457146                            |

## Dimensional drawing

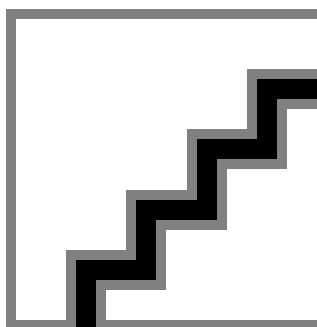


| Product                                  | D     | C     |
|--|-------|-------|
| MAS LEDspotMV VLE D 4.3-50W GU10 840 40D | 50 mm | 55 mm |

## Photometric data



Light Distribution Diagram - MAS LEDspotMV VLE D 4.3-50W GU10 840 40D



Spectral Power Distribution Colour - MAS LEDspotMV VLE D 4.3-50W GU10 840 40D

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