



# MASTER VALUE LED spot LV



## MAS LED spot VLE D 5.8-35W MR16 930 60D

MASTER Value, LEDspot, MR16, 35 W, GU5.3, 3000 K, 460 lm, CRI 90, 25000 hour(s), Glass

MASTER Value, LEDspot, MR16, 35 W, GU5.3, 3000 K, 460 lm, CRI 90, 25000 hour(s), Glass, 79.00 lm/W, EEL F, PF 0.7, Beam angle 60 degree(s), RG1, IP20

### 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                   | GU5.3          |
| Nominal lifetime           | 25,000 hour(s) |
| Switching Cycle            | 50,000         |
| Lighting Technology        | LEDspot        |
| Flux measurement reference | Narrow Cone    |
| Warranty period            | 5 years        |

| Light Technical          |                    |
|--------------------------|--------------------|
| Color Code               | 930 [CCT of 3000K] |
| Beam Angle (Nom)         | 60 degree(s)       |
| Luminous Flux            | 460 lm             |
| Luminous Intensity (Nom) | 600 cd             |

|                                                  |            |
|--------------------------------------------------|------------|
| Color Designation                                | White (WH) |
| Correlated Color Temperature (Nom)               | 3000 K     |
| Luminous Efficacy (rated) (Nom)                  | 79.00 lm/W |
| Color Consistency                                | <6         |
| Color rendering index (CRI)                      | 90         |
| LLMF At End Of Nominal Lifetime (Nom)            | 70 %       |
| Luminous Flux in 90° Cone (Rated)                | 460 lm     |
| Photobiological safety according to EN 62471 RG1 |            |

| Operating and Electrical |       |
|--------------------------|-------|
| Line Frequency           | - Hz  |
| Input Frequency          | - Hz  |
| Power Consumption        | 5.8 W |

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|                           |                    |
|---------------------------|--------------------|
| Lamp Current (Nom)        | 510 mA             |
| Wattage Equivalent        | 35 W               |
| Starting Time (Nom)       | 0.5 s              |
| Warm-up time to 60% light | 0.5 s              |
| Power Factor (Fraction)   | 0.7                |
| Voltage (Nom)             | ac electronic 12 V |

Temperature

|                      |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 85 °C |
|----------------------|-------|

Controls and Dimming

|          |                            |
|----------|----------------------------|
| Dimmable | Only with specific dimmers |
|----------|----------------------------|

Mechanical and Housing

|                    |          |
|--------------------|----------|
| Bulb Finish        | Clear    |
| Bulb Material      | Glass    |
| Bulb Shape         | MR16     |
| Net Weight (Piece) | 0.045 kg |

Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Class       | F      |
| Suitable For Accent Lighting  | Yes    |
| Energy Consumption kWh/1000 h | 6 kWh  |
| EPREL Registration Number     | 453177 |

|                           |               |
|---------------------------|---------------|
| CE mark                   | Yes           |
| EU RoHS compliant         | Yes           |
| EyeComfort                | Yes           |
| Ambient temperature range | -20 to +40 °C |

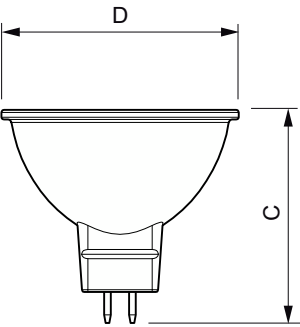
Application Conditions

|                                     |                |
|-------------------------------------|----------------|
| can it be used in closed luminaires | No             |
| Wireless Technology                 | Not applicable |

Product Data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Order product name              | MAS LED spot VLE D 5.8-35W MR16 930 60D |
| Full product name               | MAS LED spot VLE D 5.8-35W MR16 930 60D |
| Full product code               | 871951430726100                         |
| Order code                      | 929002492902                            |
| Material Nr. (12NC)             | 929002492902                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8719514307261                           |
| Numerator - Packs per outer box | 10                                      |
| EAN/UPC - Case                  | 8719514307278                           |

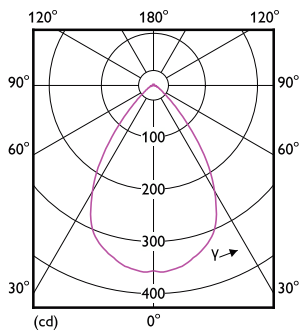
Dimensional drawing



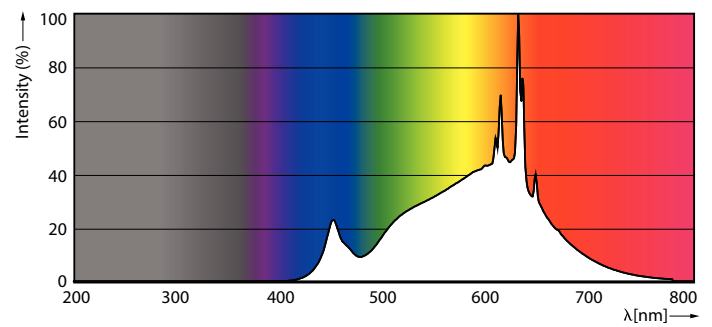
| Product                                 | D       | C       |
|-----------------------------------------|---------|---------|
| MAS LED spot VLE D 5.8-35W MR16 930 60D | 50.5 mm | 45.5 mm |

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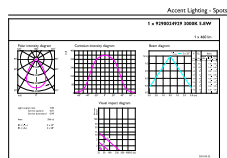
### Photometric data



**Light Distribution Diagram - MAS LED spot VLE D 5.8-35W MR16 930 60D**

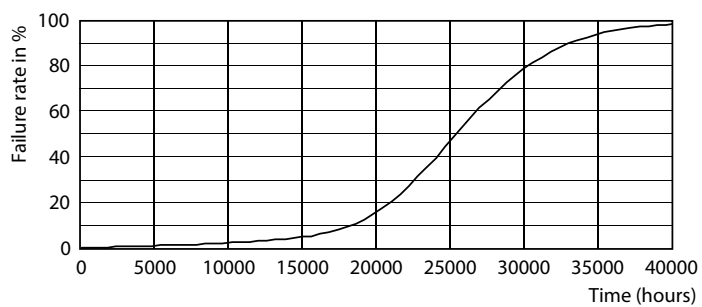


**Spectral Power Distribution Colour - MAS LED spot VLE D 5.8-35W MR16 930 60D**

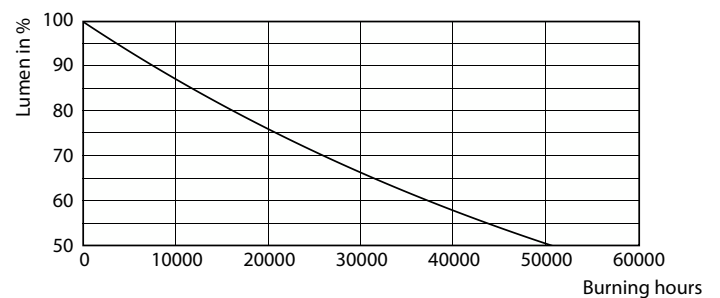


**Accent Lighting Spots - MAS LED spot VLE D 5.8-35W MR16 930 60D**

**Lifetime**



### Life Expectancy Diagram



**Lumen Maintenance Diagram - MAS LED spot VLE D 5.8-35W MR16 930 60D**

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