



# MASTER LEDspot ExpertColor LV

## MAS LED MR16 ExpertColor 7.2-50W 930 24D

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

### Product data

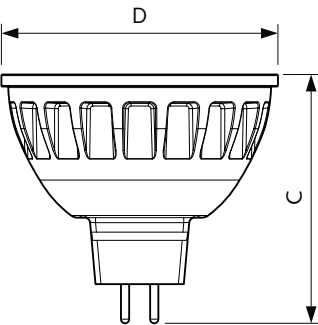
| General Information                |                    | LLMF At End Of Nominal Lifetime (Nom) 70 % |        |
|------------------------------------|--------------------|--------------------------------------------|--------|
| Cap-Base                           | GU5.3 [GU5.3]      |                                            |        |
| Nominal lifetime                   | 40,000 hour(s)     |                                            |        |
| Switching Cycle                    | 50,000             |                                            |        |
| Lighting Technology                | LED                |                                            |        |
| EU RoHS compliant                  | Yes                |                                            |        |
| Light Technical                    |                    | Operating and Electrical                   |        |
| Color Code                         | 930 [CCT of 3000K] | Line Frequency                             | - Hz   |
| Beam Angle (Nom)                   | 24 degree(s)       | Input Frequency                            | - Hz   |
| Luminous Flux                      | 480 lm             | Power Consumption                          | 7.2 W  |
| Luminous Intensity (Nom)           | 2,400 cd           | Lamp Current (Nom)                         | 800 mA |
| Color Designation                  | White (WH)         | Wattage Equivalent                         | 50 W   |
| Correlated Color Temperature (Nom) | 3000 K             | Starting Time (Nom)                        | 0.5 s  |
| Luminous Efficacy (rated) (Nom)    | 66.67 lm/W         | Warm-up time to 60% light                  | 1 s    |
| Color Consistency                  | <3                 | Power Factor (Fraction)                    | 0.7    |
| Color rendering index (CRI)        | 97                 | Voltage (Nom)                              | 12 V   |
|                                    |                    | Temperature                                |        |
|                                    |                    | T-Case Maximum (Nom)                       | 92 °C  |

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|                               |                                          |
|-------------------------------|------------------------------------------|
| Controls and Dimming          |                                          |
| Dimmable                      | Yes                                      |
| Mechanical and Housing        |                                          |
| Bulb Shape                    | MR16 [2inch/50mm]                        |
| Approval and Application      |                                          |
| Energy Saving Product         | Yes                                      |
| Suitable For Accent Lighting  | Yes                                      |
| Energy Consumption kWh/1000 h | - kWh                                    |
| Product Data                  |                                          |
| Order product name            | MAS LED MR16 ExpertColor 7.2-50W 930 24D |

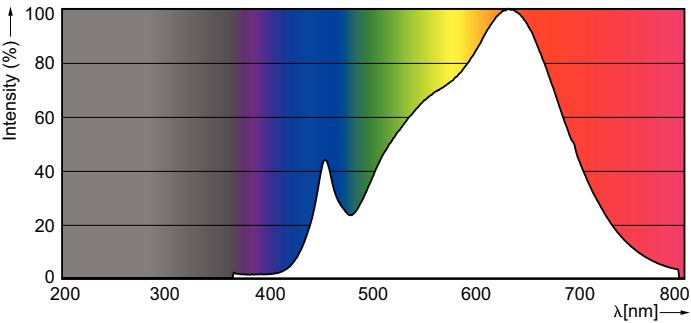
|                                 |                                          |
|---------------------------------|------------------------------------------|
| Full product name               | MAS LED MR16 ExpertColor 7.2-50W 930 24D |
| Full product code               | 871869657179800                          |
| Order code                      | 929001242308                             |
| Material Nr. (12NC)             | 929001242308                             |
| Numerator - Quantity Per Pack   | 1                                        |
| EAN/UPC - Product/Case          | 8718696571798                            |
| Numerator - Packs per outer box | 10                                       |
| EAN/UPC - Case                  | 8718696571804                            |

## Dimensional drawing

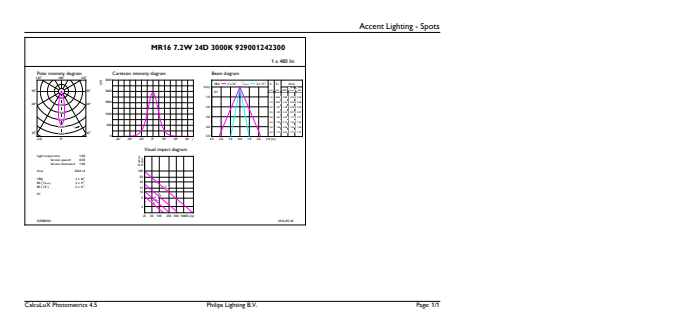


| Product                                  | D     | C     |
|------------------------------------------|-------|-------|
| MAS LED MR16 ExpertColor 7.2-50W 930 24D | 51 mm | 46 mm |

## Photometric data



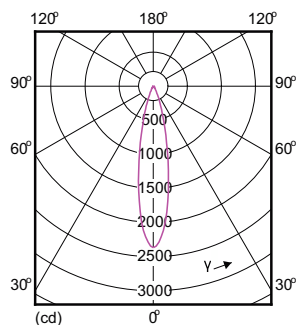
Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 930 24D



General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 930 24D

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### Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 930 24D

