



# MASTER LEDspot ExpertColor MV

## MAS LED ExpertColor 5.5-50W GU10 930 36D

MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customized spectrum, high CRI, and deep dimming feature. What's more the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, with MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. MASTER LEDspot ExpertColor delivers huge energy savings and minimizes maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

### Product data

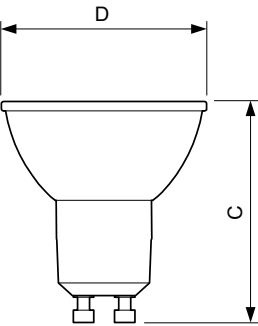
| General Information                |                    |                                       |             |
|------------------------------------|--------------------|---------------------------------------|-------------|
| Cap-Base                           | GU10               | Color Consistency                     | <3          |
| Nominal lifetime                   | 40,000 hour(s)     | Color rendering index (CRI)           | 97          |
| Switching Cycle                    | 50,000             | LLMF At End Of Nominal Lifetime (Nom) | 70 %        |
| Lighting Technology                | LED                | Luminous Flux in 90° Cone (Rated)     | 375 lm      |
| EU RoHS compliant                  | Yes                | Operating and Electrical              |             |
| Light Technical                    |                    | Line Frequency                        | 50 to 60 Hz |
| Color Code                         | 930 [CCT of 3000K] | Input Frequency                       | 50 to 60 Hz |
| Beam Angle (Nom)                   | 36 degree(s)       | Power Consumption                     | 5.5 W       |
| Luminous Flux                      | 405 lm             | Lamp Current (Nom)                    | 30 mA       |
| Luminous Intensity (Nom)           | 800 cd             | Wattage Equivalent                    | 50 W        |
| Color Designation                  | White (WH)         | Starting Time (Nom)                   | 0.5 s       |
| Correlated Color Temperature (Nom) | 3000 K             | Warm-up time to 60% light             | 0.5 s       |
| Luminous Efficacy (rated) (Nom)    | 73.64 lm/W         | Power Factor (Fraction)               | 0.8         |

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|                                 |           |
|---------------------------------|-----------|
| Voltage (Nom)                   | 220-240 V |
| <b>Temperature</b>              |           |
| T-Case Maximum (Nom)            | 80 °C     |
| <b>Controls and Dimming</b>     |           |
| Dimmable                        | Yes       |
| <b>Mechanical and Housing</b>   |           |
| Bulb Shape                      | PAR16     |
| <b>Approval and Application</b> |           |
| Suitable For Accent Lighting    | Yes       |
| Energy Consumption kWh/1000 h   | 6 kWh     |

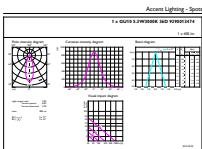
|                                 |                                          |
|---------------------------------|------------------------------------------|
| <b>Product Data</b>             |                                          |
| Order product name              | MAS LED ExpertColor 5.5-50W GU10 930 36D |
| Full product name               | MAS LED ExpertColor 5.5-50W GU10 930 36D |
| Full product code               | 871869675590700                          |
| Order code                      | 929001347408                             |
| Material Nr. (12NC)             | 929001347408                             |
| Numerator - Quantity Per Pack   | 1                                        |
| EAN/UPC - Product/Case          | 8718696755907                            |
| Numerator - Packs per outer box | 10                                       |
| EAN/UPC - Case                  | 8718696755914                            |

## Dimensional drawing



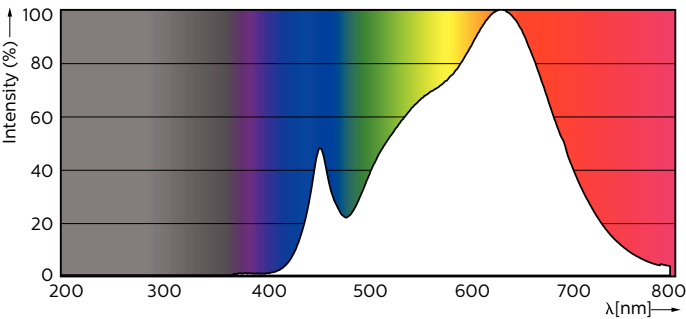
| Product                                  | D     | C     |
|------------------------------------------|-------|-------|
| MAS LED ExpertColor 5.5-50W GU10 930 36D | 50 mm | 54 mm |

## Photometric data



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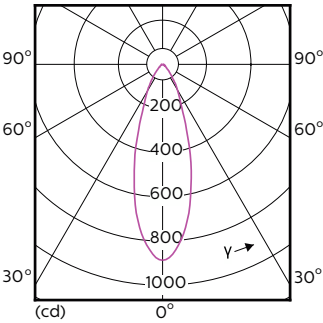
Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 36D



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 930 36D

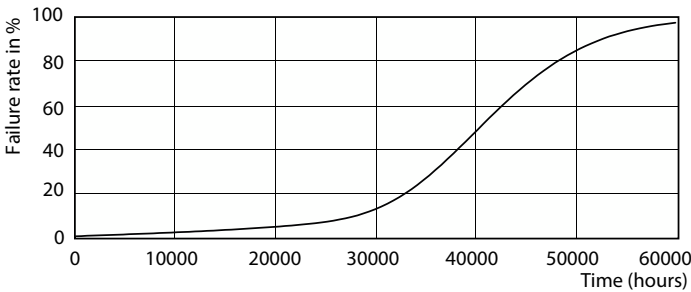
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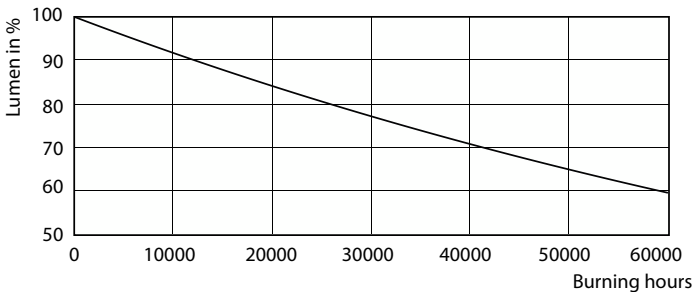


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

