



MASTER LEDspot ExpertColor MV



MAS LED ExpertColor 5.5-50W GU10 940 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

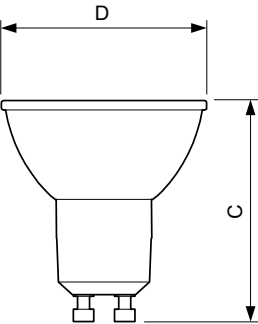
| General Information | | | |
|----------------------------|--------------------|---------------------------------------|-------------|
| Cap-Base | GU10 [GU10] | Correlated Color Temperature (Nom) | 4000 K |
| Nominal lifetime | 40,000 hour(s) | Luminous Efficacy (rated) (Nom) | 72.00 lm/W |
| Switching Cycle | 50,000 | Color Consistency | <3 |
| Lighting Technology | LED | Color rendering index (CRI) | 97 |
| Flux measurement reference | Narrow Cone | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| CE mark | Yes | Luminous Flux in 90° Cone (Rated) | 400 lumen |
| EU RoHS compliant | Yes | Operating and Electrical | |
| Light Technical | | Line Frequency | 50 to 60 Hz |
| Color Code | 940 [CCT of 4000K] | Input Frequency | 50 to 60 Hz |
| Beam Angle (Nom) | 36 degree(s) | Power Consumption | 5.5 W |
| Luminous Flux | 400 lumen | Lamp Current (Nom) | 30 mA |
| Luminous Intensity (Nom) | 800 cd | Wattage Equivalent | 50 W |
| Color Designation | Cool White (CW) | Starting Time (Nom) | 0.5 s |
| | | Warm-up time to 60% light | 0.5 s |

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|-------------------------------|----------------------------|
| Power Factor (Fraction) | 0.8 |
| 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 | |
| Energy Efficiency Class | F |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 6 kWh |

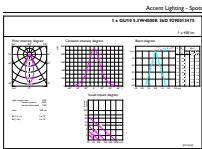
| | |
|---------------------------------|--|
| EPREL Registration Number | 391835 |
| EyeComfort | Yes |
| Product Data | |
| Full product code | 871869670771500 |
| Order product name | MAS LED ExpertColor 5.5-50W GU10 940 36D |
| Order code | 929001347502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001347502 |
| Full product name | MAS LED ExpertColor 5.5-50W GU10 940 36D |
| EAN/UPC - Case | 8718696707722 |
| EAN/UPC - Product/Case | 8718696707715 |

Dimensional drawing

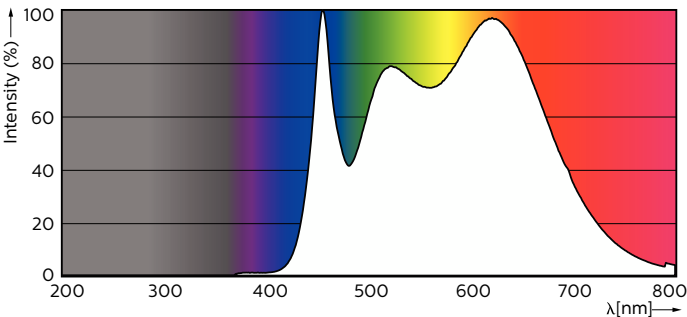


| Product | D | C |
|--|-------|-------|
| MAS LED ExpertColor 5.5-50W GU10 940 36D | 50 mm | 54 mm |

Photometric data



Document Reference: 01 Photo Lighting: 01 Page: 10

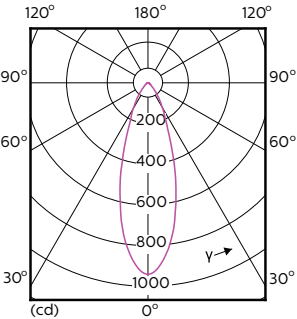


Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 940 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 940 36D

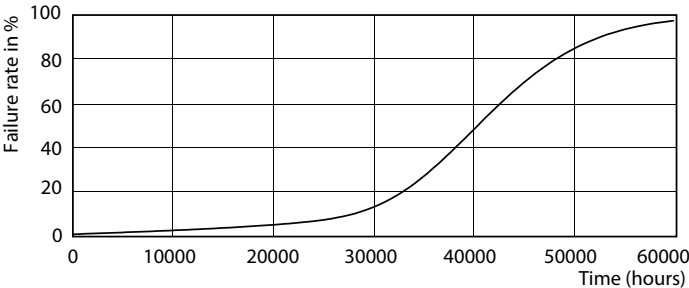
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Photometric data

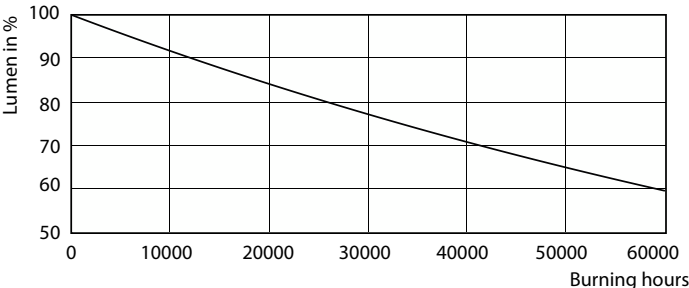


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

