



MASTER LEDspot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 927 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] |
| Nominal lifetime | 40,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Narrow Cone |
| Light Technical | |
| Color Code | 927 |
| Beam Angle (Nom) | 36 degree(s) |
| Luminous Flux | 355 lumen |
| Luminous Intensity (Nom) | 800 cd |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 64 lm/W |

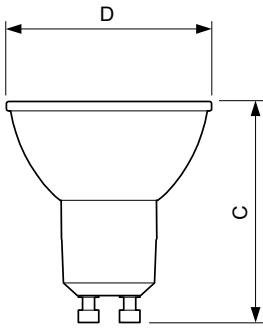
| Color Consistency | <3 |
|---------------------------------------|-------------|
| Color rendering index (CRI) | 97 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 355 lumen |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 5.5 W |
| Lamp Current (Nom) | 30 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.8 |

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| | |
|---------------------------------|----------------------------|
| 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 | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 6 kWh |
| EPREL Registration Number | 775,827 |

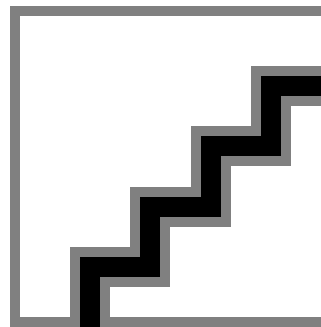
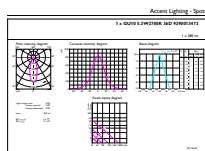
| | |
|---------------------------------|--|
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Product Data | |
| Full product code | 871869670767800 |
| Order product name | MAS LED ExpertColor 5.5-50W GU10 927 36D |
| Order code | 929001347302 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material number (12NC) | 929001347302 |
| Full product name | MAS LED ExpertColor 5.5-50W GU10 927 36D |
| EAN/UPC - Case | 8718696707685 |

Dimensional drawing



| Product | D | C |
|--|-------|-------|
| MAS LED ExpertColor 5.5-50W GU10 927 36D | 50 mm | 54 mm |

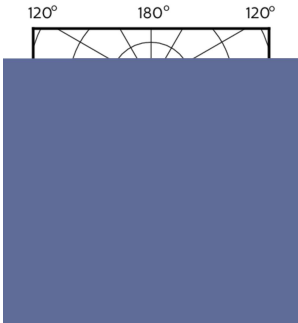
Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 927 36D

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Photometric data



Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

