PHILIPS Lighting



MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 930 10D

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 | |
|------------------------------------|--------------------|
| 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 | |
| Color Code | 930 [CCT of 3000K] |
| Beam Angle (Nom) | 10 degree(s) |
| Luminous Flux | 480 lm |
| Luminous Intensity (Nom) | 5,000 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 66.67 lm/W |
| Color Consistency | <3 |
| Color rendering index (CRI) | 97 |
| | |

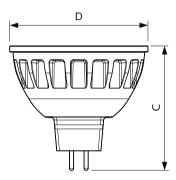
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
|---------------------------------------|--------|
| | |
| Operating and Electrical | |
| Line Frequency | - Hz |
| Input Frequency | - Hz |
| Power Consumption | 7.2 W |
| Lamp Current (Nom) | 800 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 1s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 12 V |
| | |
| Temperature | |
| T-Case Maximum (Nom) | 92 °C |
| | |

MASTER LEDspot ExpertColor LV

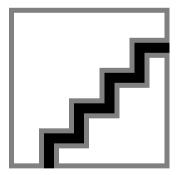
| Controls and Dimming | |
|-------------------------------|--|
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| | |
| Approval and Application | |
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | - kWh |
| | |
| Product Data | |
| Order product name | MAS LED MR16 ExpertColor 7.2-50W 930 10D |

| Full product name | MAS LED MR16 ExpertColor 7.2-50W 930 10D |
|---------------------------------|--|
| Full product code | 871869657163700 |
| Order code | 929001242008 |
| Material Nr. (12NC) | 929001242008 |
| Local order code | 7.2WMR1693010D |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696571637 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696571644 |
| | |

Dimensional drawing



Photometric data



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 930 10D

| Product | D | с |
|--|-------|-------|
| MAS LED MR16 ExpertColor 7.2-50W 930 10D | 51 mm | 46 mm |

| | MR16 7.2W 10 | D 3000K 929001242000 |
|------------------|--------------|--|
| | | 1 × 480 im |
| | | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ |
| Aprospection 0.0 | | 2453 |

Philips Lighting B.V.

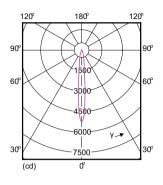
General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 930 10D

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CalcuLuX Photometrics 4.5

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Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 930 10D



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www.lighting.philips.com 2023, April 29 - data subject to change