



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 6.5-35W MR16 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 | | |
|--|--------------------|--|
| 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) | 24 degree(s) | |
| Luminous Flux | 440 lm | |
| Luminous Intensity (Nom) | 2,350 cd | |
| Color Designation | White (WH) | |
| Correlated Color Temperature (Nom) | 3000 K | |
| Luminous Efficacy (rated) (Nom) | 67.69 lm/W | |
| Color Consistency | <3 | |
| Color rendering index (CRI) | 97 | |
| LLMF At End Of Nominal Lifetime (Nom) 70 % | | |
| | | |

| Luminous Flux in 90° Cone (Rated) | 440 lm |
|-----------------------------------|--------------------|
| | |
| Operating and Electrical | |
| Line Frequency | - Hz |
| Input Frequency | - Hz |
| Power Consumption | 6.5 W |
| Lamp Current (Nom) | 800 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | ac electronic 12 V |
| | |
| Temperature | |
| T-Case Maximum (Nom) | 90 ℃ |
| | |

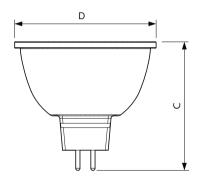
Datasheet, 2023, April 29 data subject to change

MASTER LEDspot ExpertColor LV

| Controls and Dimming | |
|-------------------------------|--|
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| | |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 8 kWh |
| EyeComfort | Yes |
| | |
| Product Data | |
| Order product name | MAS LED ExpertColor 6.5-35W MR16 930 24D |

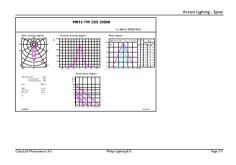
| Full product name | MASTER LED ExpertColor 6.5-35W MR16 930 | |
|---------------------------------|---|--|
| | 24D | |
| Full product code | 871869673879500 | |
| Order code | 73879500 | |
| Material Nr. (12NC) | 929001342102 | |
| Numerator - Quantity Per Pack | 1 | |
| EAN/UPC - Product/Case | 8718696738795 | |
| Numerator - Packs per outer box | 10 | |
| EAN/UPC - Case | 8718696738801 | |
| | | |

Dimensional drawing

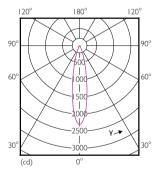


| Product | D | С |
|--|-------|-------|
| MAS LED ExpertColor 6.5-35W MR16 930 24D | 51 mm | 46 mm |

Photometric data



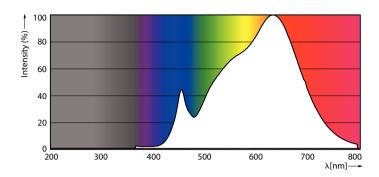
Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 930 24D



Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 930 24D

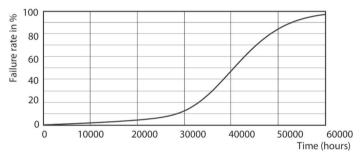
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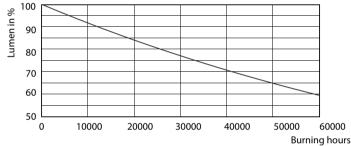
Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 930 24D

Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 930 24D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 930 24D



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