# **PHILIPS** Lighting



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# MASTER LEDspot ExpertColor LV

#### MAS LED ExpertColor 6.7-35W MR16 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                   |                    |  |
|---------------------------------------|--------------------|--|
| Lighting Technology                   | LED                |  |
| Flux measurement reference            | Narrow Cone        |  |
| Switching Cycle                       | 50,000             |  |
| Nominal lifetime                      | 40,000 hour(s)     |  |
| Cap-Base                              | GU5.3 [GU5.3]      |  |
|                                       |                    |  |
| Light Technical                       |                    |  |
| Color Code                            | 930 [CCT of 3000K] |  |
| Beam Angle (Nom)                      | 10 degree(s)       |  |
| Luminous Flux                         | 430 lumen          |  |
| Luminous Intensity (Nom)              | 4,800 cd           |  |
| Color Designation                     | White (WH)         |  |
| Correlated Color Temperature (Nom)    | 3000 K             |  |
| Luminous Efficacy (rated) (Nom)       | 64.00 lm/W         |  |
| Color Consistency                     | <3                 |  |
| Color rendering index (CRI)           | 97                 |  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |  |

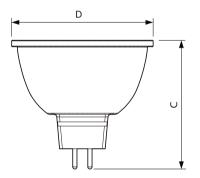
| Luminous Flux in 90° Cone (Rated) | 430 lumen          |  |
|-----------------------------------|--------------------|--|
|                                   |                    |  |
| Operating and Electrical          |                    |  |
| Line Frequency                    | - Hz               |  |
| Input Frequency                   | - Hz               |  |
| Power Consumption                 | 6.7 W              |  |
| Lamp Current (Nom)                | 650 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)              | 92 ℃               |  |
|                                   |                    |  |

#### MASTER LEDspot ExpertColor LV

| Controls and Dimming          |                            |  |
|-------------------------------|----------------------------|--|
| Dimmable                      | Only with specific dimmers |  |
|                               |                            |  |
| Mechanical and Housing        |                            |  |
| Bulb Shape                    | MR16 [2inch/50mm]          |  |
|                               |                            |  |
| Approval and Application      |                            |  |
| Energy Efficiency Class       | G                          |  |
| Suitable For Accent Lighting  | Yes                        |  |
| Energy Consumption kWh/1000 h | 7 kWh                      |  |
| EPREL Registration Number     | 624209                     |  |
| CE mark                       | Yes                        |  |
| EU RoHS compliant             | Yes                        |  |
|                               |                            |  |

| Product Data                    |  |  |
|---------------------------------|--|--|
| Full product code               | 871951435849200                          |  |
| Order product name              | MAS LED ExpertColor 6.7-35W MR16 930 10D |  |
| Order code                      | 929003078902                             |  |
| Numerator - Quantity Per Pack   | 1  |  |
| Numerator - Packs per outer box | 10                                       |  |
| Material number (12NC)          | 929003078902                             |  |
| Full product name               | MAS LED ExpertColor 6.7-35W MR16 930 10D |  |
| EAN/UPC - Case                  | 8719514358508                            |  |
|                                 |  |  |

#### Dimensional drawing

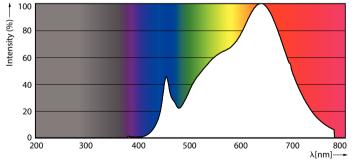


## MAS LED ExpertColor 6.7-35W MR16 930 10D 50.5 mm 46 mm

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#### Photometric data



| 1, | Access Lighting - Spo<br>\$200836708 6.7W 30888 MR16 |
|----|--|
|    |  |
|    |  |

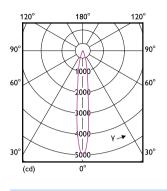
Product

Calabet Province Control Prop. Calabet Program (Control Program Control Progra

Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 930 10D Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 930 10D

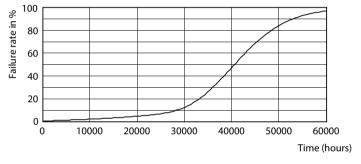
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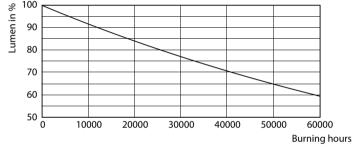
#### Photometric data



Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 930 10D

#### Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 6.7-35W MR16 930 10D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 930 10D



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