



# MASTER LED spot ExpertColor LV



## MAS LED ExpertColor 6.7-35W MR16 940 10D

MASTER, LEDspot, MR16, 35 W, GU5.3, 4000 K, 440 lm, CRI 97, 40000 hour(s), Plastic

MASTER, LEDspot, MR16, 35 W, GU5.3, 4000 K, 440 lm, CRI 97, 40000 hour(s), Plastic, 65.00 lm/W, EEL G, PF 0.7, Beam angle 10 degree(s), RG1, IP20

### Product data

| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | GU5.3              |
| Nominal lifetime                      | 40,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LEDspot            |
| Flux measurement reference            | Narrow Cone        |
| Warranty period                       | 5 years            |
| Light Technical                       |                    |
| Color Code                            | 940 [CCT of 4000K] |
| Beam Angle (Nom)                      | 10 degree(s)       |
| Luminous Flux                         | 440 lm             |
| Luminous Intensity (Nom)              | 4,800 cd           |
| Color Designation                     | Cool White (CW)    |
| Correlated Color Temperature (Nom)    | 4000 K             |
| Luminous Efficacy (rated) (Nom)       | 65.00 lm/W         |
| Color Consistency                     | <3                 |
| Color rendering index (CRI)           | 97                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |

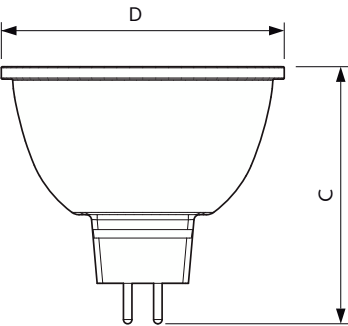
| Luminous Flux in 90° Cone (Rated)            | 440 lm             |
|----------------------------------------------|--------------------|
| Photobiological safety according to EN 62471 | RG1                |
| Operating and Electrical                     |                    |
| Line Frequency                               | - 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 °C              |

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|                               |                            |
|-------------------------------|----------------------------|
| Controls and Dimming          |                            |
| Dimmable                      | Only with specific dimmers |
| Mechanical and Housing        |                            |
| Bulb Finish                   | Clear                      |
| Bulb Material                 | Plastic                    |
| Bulb Shape                    | MR16                       |
| Net Weight (Piece)            | 0.052 kg                   |
| Approval and Application      |                            |
| Energy Efficiency Class       | G                          |
| Suitable For Accent Lighting  | Yes                        |
| Energy Consumption kWh/1000 h | 7 kWh                      |
| EPREL Registration Number     | 624222                     |
| CE mark                       | Yes                        |
| EU RoHS compliant             | Yes                        |
| EyeComfort                    | Yes                        |
| Ambient temperature range     | -20 to +45 °C              |

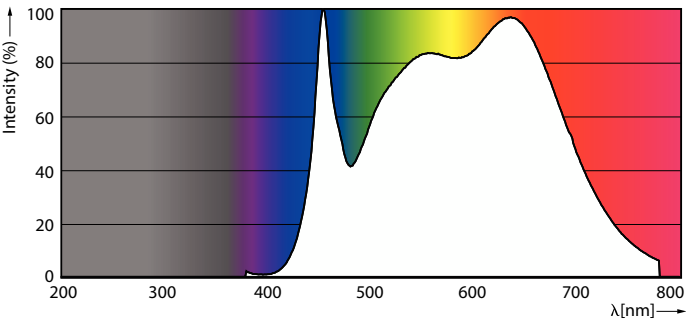
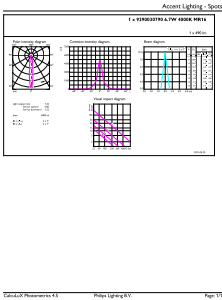
|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Application Conditions              |                                          |
| can it be used in closed luminaires | No                                       |
| Wireless Technology                 | Not applicable                           |
| Product Data                        |                                          |
| Order product name                  | MAS LED ExpertColor 6.7-35W MR16 940 10D |
| Full product name                   | MAS LED ExpertColor 6.7-35W MR16 940 10D |
| Full product code                   | 871951435851500                          |
| Order code                          | 929003079002                             |
| Material Nr. (12NC)                 | 929003079002                             |
| Numerator - Quantity Per Pack       | 1                                        |
| EAN/UPC - Product/Case              | 8719514358515                            |
| Numerator - Packs per outer box     | 10                                       |
| EAN/UPC - Case                      | 8719514358522                            |

## Dimensional drawing



| Product                                  | D       | C     |
|------------------------------------------|---------|-------|
| MAS LED ExpertColor 6.7-35W MR16 940 10D | 50.5 mm | 46 mm |

## Photometric data

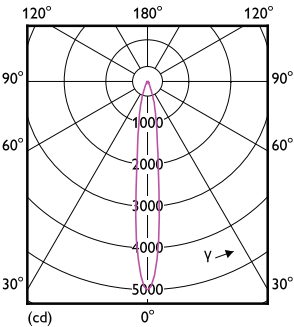


Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 940 10D

Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 940 10D

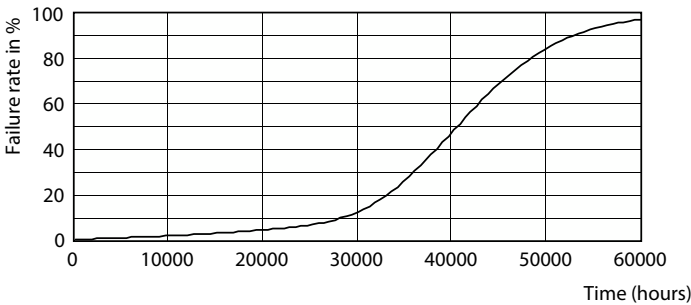
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## Photometric data

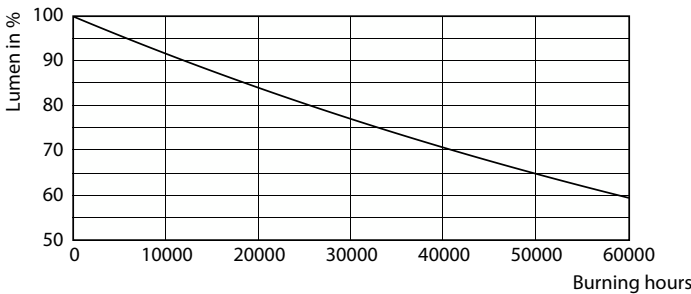


Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 940 10D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 940 10D

