



Essential LEDspot MR16

ESS LED MR16 4.5-50W 36D 865 SO 100-240V

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

Product data

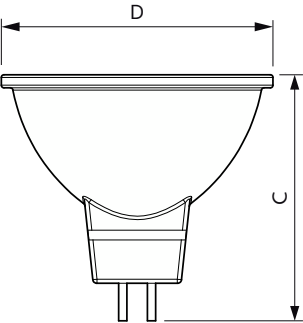
| General Information | |
|---------------------------------------|--------------------|
| Cap-Base | GU5.3 |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 865 [CCT of 6500K] |
| Beam Angle (Nom) | 36 degree(s) |
| Luminous Flux | 400 lm |
| Luminous Intensity (Nom) | 700 cd |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 88.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |

| Input Frequency | 50 to 60 Hz |
|-------------------------------|-------------|
| Power Consumption | 4.5 W |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.4 |
| Voltage (Nom) | 100-240 V |
| Temperature | |
| T-Case Maximum (Nom) | 65 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | MR16 |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 4.5 kWh |

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| | |
|--------------------|------------------------------------------|
| Product Data | |
| Order product name | ESS LED MR16 4.5-50W 36D 865 SO 100-240V |
| Full product name | ESS LED MR16 4.5-50W 36D 865 SO 100-240V |
| Full product code | 871869680921100 |
| Order code | 929001874108 |

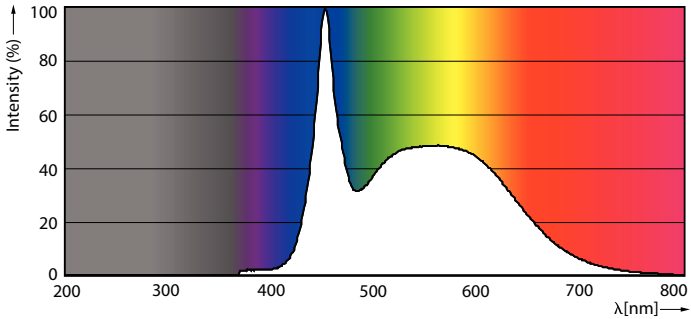
Dimensional drawing



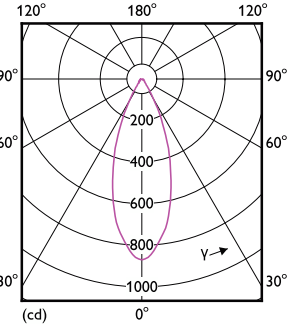
| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 929001874108 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696809211 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696809228 |

| Product | D | C |
|------------------------------------------|---------|---------|
| ESS LED MR16 4.5-50W 36D 865 SO 100-240V | 50.5 mm | 46.5 mm |

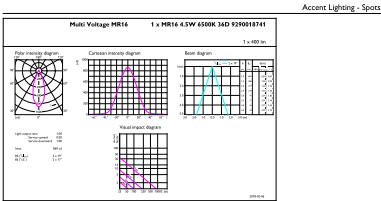
Photometric data



Spectral Power Distribution Colour - ESS LED MR16 4.5-50W 36D 865 SO 100-240V



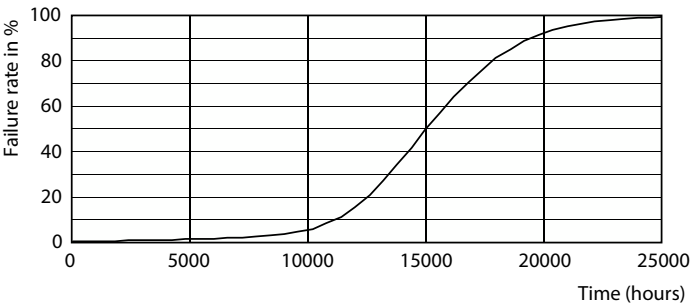
Light Distribution Diagram - ESS LED MR16 4.5-50W 36D 865 SO 100-240V



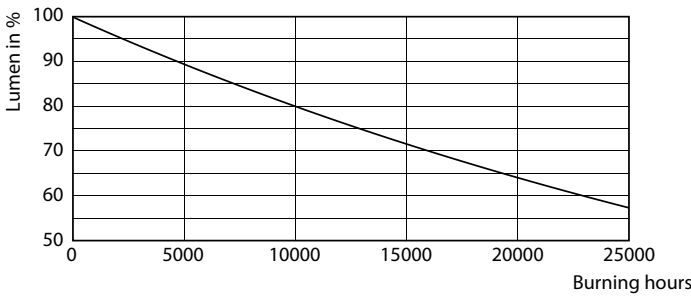
Accent Lighting Spots - ESS LED MR16 4.5-50W 36D 865 SO 100-240V

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Lifetime



Life Expectancy Diagram - ESS LED MR16 4.5-50W 36D 865 SO 100-240V



Lumen Maintenance Diagram - ESS LED MR16 4.5-50W 36D 865 SO 100-240V

