



Essential LEDspot MR16

5W (50W) GU5.3 cap Warm white Non-dimmable Spot

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 |
| Rated Lifetime (Hours) | 15,000 hour(s) |
| Lighting Technology | LED |
| Light Technical | |
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 24 degree(s) |
| Luminous Flux | 400 lm |
| Luminous Intensity (Nom) | 1,700 cd |
| Luminous Efficacy (rated) (Nom) | 80.00 lm/W |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|---------------------------|--------|
| Line Frequency | - Hz |
| Input Frequency | - Hz |
| Power Consumption | 5 W |
| Lamp Current (Nom) | 580 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 1 s |
| Power Factor (Fraction) | 0.5 |
| Voltage (Nom) | 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 76 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | MR16 |

Essential LEDspot MR16

Approval and Application

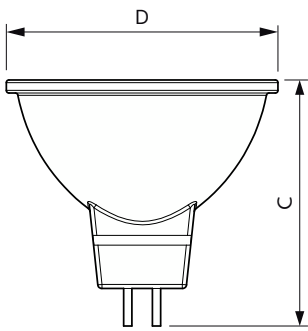
| | |
|-------------------------------|-------|
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | - kWh |
| EU RoHS compliant | Yes |

Product Data

| | |
|--------------------|---|
| Order product name | 5W (50W) GU5.3 cap Warm white Non-dimmable Spot |
| Full product name | 5W (50W) GU5.3 cap Warm white Non-dimmable Spot |

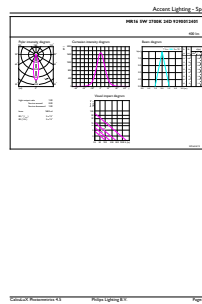
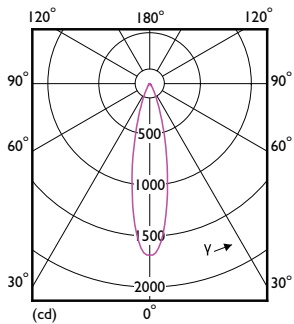
| | |
|---------------------------------|-----------------|
| Full product code | 871869657955800 |
| Order code | 929001240108 |
| Material Nr. (12NC) | 929001240108 |
| Numerator - Quantity Per Pack | 1 |
| Net Weight (Piece) | 0.045 kg |
| EAN/UPC - Product/Case | 8718696579558 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696579565 |

Dimensional drawing



| Product | D | C |
|---|-------|-------|
| 5W (50W) GU5.3 cap Warm white Non-dimmable Spot | 50 mm | 46 mm |

Photometric data

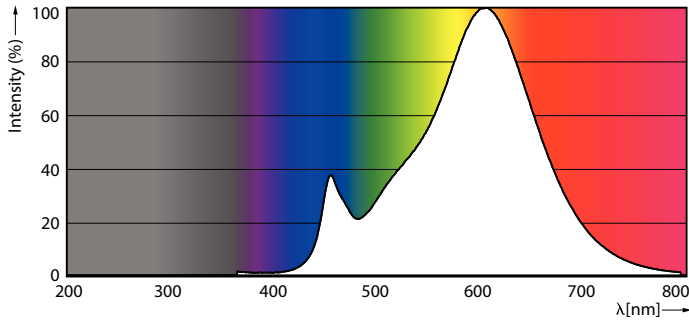


Light Distribution Diagram - Essential LED 5-50W 2700K MR16 24D

Accent Lighting Spots - Essential LED 5-50W 2700K MR16 24D

Essential LEDspot MR16

Photometric data



Spectral Power Distribution Colour - Essential LED 5-50W 2700K MR16 24D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Essential LED 5-50W 2700K MR16 24D

