



LED MR16

6.5MR16/F25/2700-2200 DIM 12V

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

Product data

| General Information | | |
|---------------------------------------|------------------------------|--|
| Cap-Base | GU5.3 [GU5.3] | |
| Nominal lifetime | 25,000 hour(s) | |
| Switching Cycle | 50,000 | |
| Lighting Technology | LED | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Color Code | 822-827 [tunable warm white] | |
| Beam Angle (Nom) | 25 degree(s) | |
| Luminous Flux | 410 lm | |
| Luminous Intensity (Nom) | 1,800 cd | |
| Color Designation | Warm White (WW) | |
| Correlated Color Temperature (Nom) | 2200 2700 K | |
| Luminous Efficacy (rated) (Nom) | 63.08 lm/W | |
| Color Consistency | <6 | |
| Color rendering index (CRI) | 80 | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | |
| Luminous Flux in 90° Cone (Rated) | 370 lm | |
| | | |
| Operating and Electrical | | |
| Line Frequency | 50 to 60 Hz | |
| | | |

| Input Frequency | 50 to 60 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) | 12 V | |
| | | |
| Temperature | | |
| T-Case Maximum (Nom) | 80 °C | |
| | | |
| Controls and Dimming | | |
| Dimmable | Yes | |
| | | |
| Mechanical and Housing | | |
| Bulb Finish | Clear | |
| Bulb Material | Aluminum | |
| Bulb Shape | MR16 [2inch/50mm] | |
| | | |
| Approval and Application | | |
| Suitable For Accent Lighting | Yes | |
| | | |

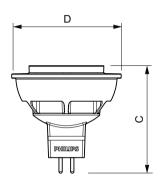
Datasheet, 2023, November 12 data subject to change

LED MR16

| Energy Consumption kWh/1000 h | - kWh |
|-------------------------------|-------------------------------|
| Product Data | |
| Order product name | 6.5MR16/F25/2700-2200 DIM 12V |
| Full product name | 6.5MR16/F25/2700-2200 DIM 12V |
| Order code | 929001127804 |
| Material Nr. (12NC) | 929001127804 |

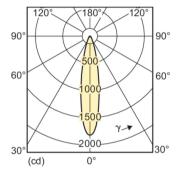
| Numerator - Quantity Per Pack | 1 | |
|---------------------------------|----------------|--|
| EAN/UPC - Product/Case | 046677454531 | |
| Numerator - Packs per outer box | 10 | |
| EAN/UPC - Case | 50046677454536 | |

Dimensional drawing

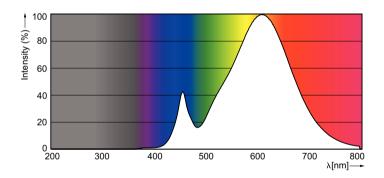


| Product | D | С |
|-------------------------------|-------|-------|
| 6.5MR16/F25/2700-2200 DIM 12V | 51 mm | 50 mm |

Photometric data







Spectral Power Distribution Colour - 6.5MR16/F25/2700-2200 DIM 12V



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