



LED MR16

6.5MR16/F25/2700-2200 DIM 12V 10/1

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 |

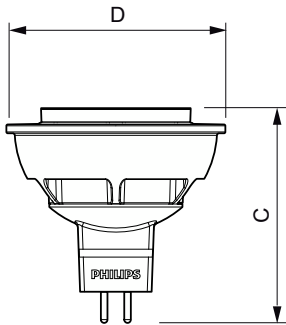
| Input Frequency | 50 to 60 Hz |
|------------------------------|-------------------|
| Power Consumption | 6.5 W |
| Lamp Current (Nom) | 800 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 176 °F |
| 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 |

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| | |
|-------------------------------|------------------------------------|
| 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 10/1 |
| Order code | 454538 |
| Material Nr. (12NC) | 929001127804 |

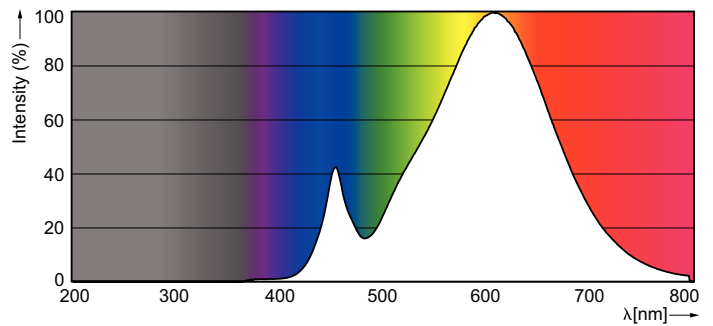
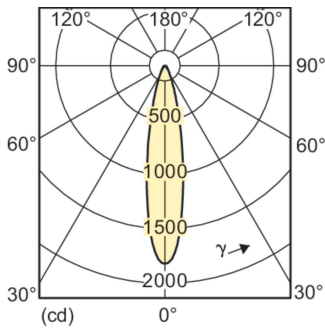
| | |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677454531 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677454536 |

Dimensional drawing



| Product | D | C |
|-------------------------------|-------------|--------|
| 6.5MR16/F25/2700-2200 DIM 12V | 2-1/16 inch | 2 inch |

Photometric data



Light Distribution Diagram - 6.5MR16/F25/2700-2200 DIM 12V

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

