



LED MR16

6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

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 |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Light Technical | |
| Color Code | 930 [CCT of 3000K] |
| Beam Angle (Nom) | 35 degree(s) |
| Luminous Flux | 470 lm |
| Luminous Intensity (Nom) | 1,110 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 74.00 lm/W |
| Color Consistency | <3 |
| Color rendering index (CRI) | 91 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Operating and Electrical | |
| Line Frequency | - Hz |
| Input Frequency | - Hz |
| Power Consumption | 6.3 W |

| | |
|------------------------------|----------------------------|
| Lamp Current (Nom) | 600 mA |
| Wattage Equivalent | 42 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | ac electronic 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 89 °C |
| Controls and Dimming | |
| Dimmable | Only with specific dimmers |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | Aluminum |
| Bulb Shape | MR16 |
| UL Wet/ damp/ dry location | Damp location |
| Net Weight (Piece) | 0.052 kg |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |

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| | |
|-------------------|-----|
| EU RoHS compliant | Yes |
| T20 compliant | Yes |

Application Conditions

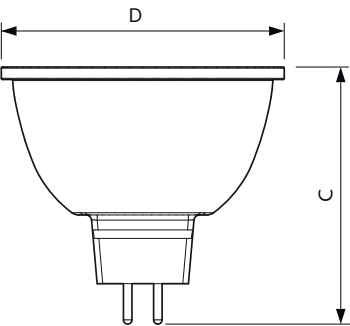
| | |
|-------------------------------------|-----|
| can it be used in closed luminaires | Yes |
|-------------------------------------|-----|

Product Data

| | |
|--------------------|---|
| Order product name | 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB |
| Full product name | 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB |

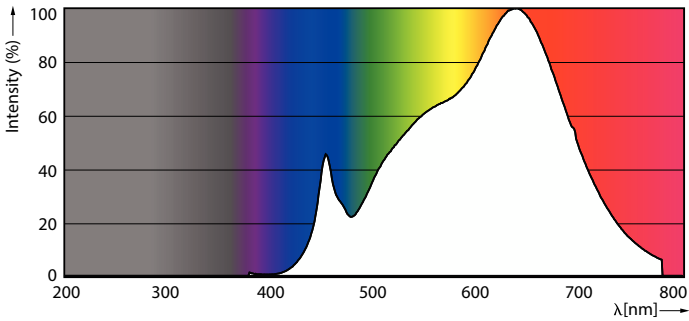
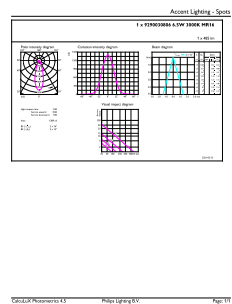
| | |
|---------------------------------|----------------|
| Order code | 929003080604 |
| Material Nr. (12NC) | 929003080604 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677573560 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677573565 |

Dimensional drawing



| Product | D | C |
|---|---------|-------|
| 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB | 50.5 mm | 46 mm |

Photometric data

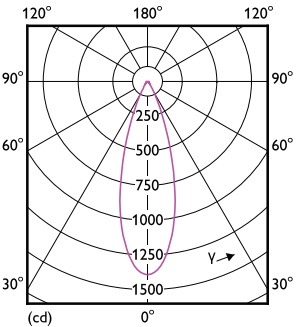


Accent Lighting Spots - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

Spectral Power Distribution Colour - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

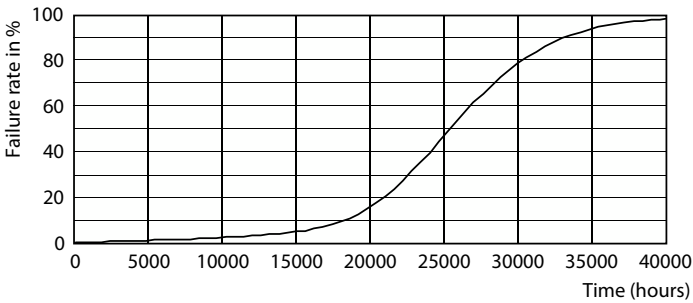
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Photometric data

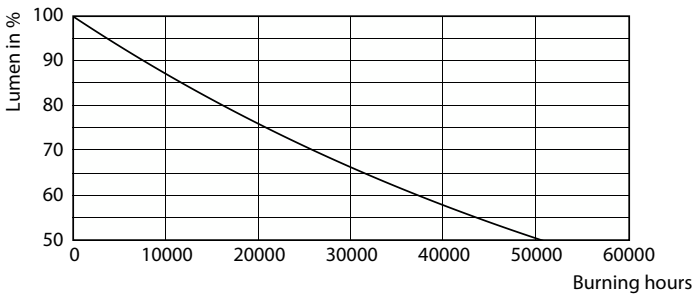


Light Distribution Diagram - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

