



LED MR16

7MR16/LED/830/F35/DIM 12V 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 | | Power Consumption | |
|---------------------------------------|--------------------|------------------------------|----------------------------|
| Cap-Base | GU5.3 | | 7 W |
| Nominal lifetime | 25,000 hour(s) | Lamp Current (Nom) | 650 mA |
| Switching Cycle | 50,000 | Wattage Equivalent | 50 W |
| Lighting Technology | LED | Starting Time (Nom) | 0.5 s |
| EU RoHS compliant | Yes | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.7 |
| | | Voltage (Nom) | ac electronic 12 V |
| Light Technical | | Temperature | |
| Color Code | 830 [CCT of 3000K] | T-Case Maximum (Nom) | 194 °F |
| Beam Angle (Nom) | 35 degree(s) | | |
| Luminous Flux | 515 lm | Controls and Dimming | |
| Luminous Intensity (Nom) | 1,350 cd | Dimmable | Only with specific dimmers |
| Color Designation | White (WH) | | |
| Correlated Color Temperature (Nom) | 3000 K | Mechanical and Housing | |
| Luminous Efficacy (rated) (Nom) | 73.00 lm/W | Bulb Finish | Clear |
| Color Consistency | <4 | Bulb Material | Aluminum |
| Color rendering index (CRI) | 80 | Bulb Shape | MR16 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | UL Wet/ damp/ dry location | Damp location |
| Operating and Electrical | | Approval and Application | |
| Line Frequency | - Hz | Suitable For Accent Lighting | Yes |
| Input Frequency | - Hz | | |

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|-----------------------|-------------|
| Energy Certifications | Energy Star |
| T20 compliant | No |

Application Conditions

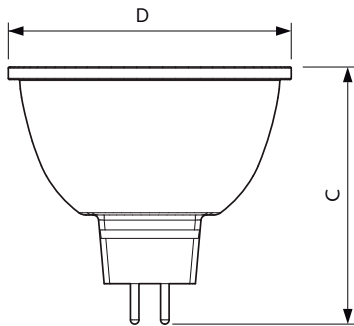
| | |
|-------------------------------------|-----|
| can it be used in closed luminaires | Yes |
|-------------------------------------|-----|

Product Data

| | |
|--------------------|----------------------------------|
| Order product name | 7MR16/LED/830/F35/DIM 12V 10/1FB |
| Full product name | 7MR16/LED/830/F35/DIM 12V 10/1FB |

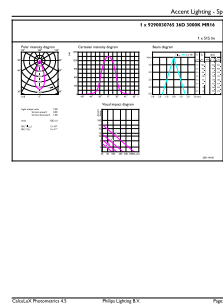
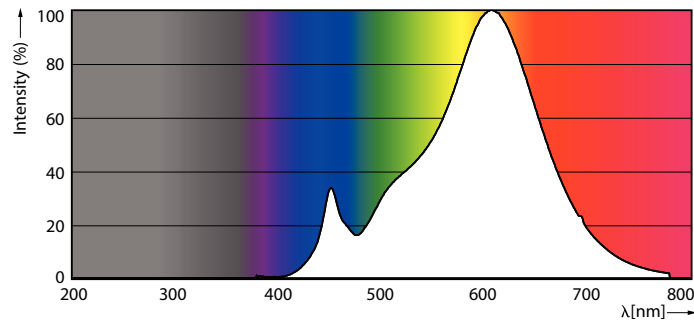
| | |
|---------------------------------|----------------|
| Order code | 573899 |
| Material Nr. (12NC) | 929003076504 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677573898 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677573893 |

Dimensional drawing



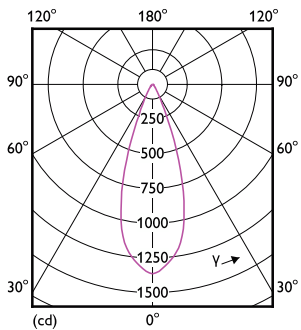
| Product | D | C |
|----------------------------------|--------|------------|
| 7MR16/LED/830/F35/DIM 12V 10/1FB | 2 inch | 1-7/8 inch |

Photometric data



Spectral Power Distribution Colour - 7MR16/LED/830/F35/DIM 12V 10/1FB

Accent Lighting Spots - 7MR16/LED/830/F35/DIM 12V 10/1FB



Light Distribution Diagram - 7MR16/LED/830/F35/DIM 12V 10/1FB

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Lifetime



Life Expectancy Diagram - 7MR16/LED/830/F35/DIM 12V 10/1FB

Lumen Maintenance Diagram - 7MR16/LED/830/F35/DIM 12V 10/1FB

