



LED MR16

7.8MR16/PER/927/S10/Dim/EC/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 [GU5.3] | | 7.8 W |
| Nominal lifetime | 25,000 hour(s) | Lamp Current (Nom) | 880 mA |
| Switching Cycle | 50,000 | Wattage Equivalent | 35 W |
| Lighting Technology | LED | Starting Time (Nom) | 0.5 s |
| EU RoHS compliant | Yes | Warm-up time to 60% light | 0.5 s |
| Light Technical | | Power Factor (Fraction) | 0.7 |
| Color Code | 927 | Voltage (Nom) | ac electronic 12 V |
| Beam Angle (Nom) | 10 degree(s) | Temperature | |
| Luminous Flux | 480 lm | T-Case Maximum (Nom) | 105 °C |
| Luminous Intensity (Nom) | 5,300 cd | Controls and Dimming | |
| Color Designation | Warm White (WW) | Dimmable | Yes |
| Correlated Color Temperature (Nom) | 2700 K | Mechanical and Housing | |
| Luminous Efficacy (rated) (Nom) | 61.00 lm/W | Bulb Finish | Clear |
| Color Consistency | <3 | Bulb Material | Aluminum |
| Color rendering index (CRI) | 95 | Bulb Shape | MR16 [2inch/50mm] |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | Approval and Application | |
| Operating and Electrical | | Suitable For Accent Lighting | Yes |
| Line Frequency | - Hz | | |
| Input Frequency | - Hz | | |

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| | |
|-------------------------------|---------------------------------------|
| Energy Consumption kWh/1000 h | - kWh |
| Product Data | |
| Order product name | 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB |
| Full product name | 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB |
| Order code | 929001872504 |
| Material Nr. (12NC) | 929001872504 |

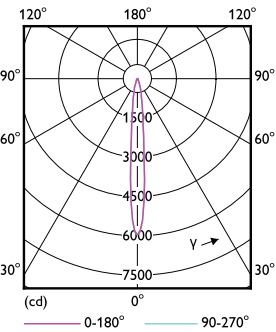
| | |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677470135 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677470130 |

Dimensional drawing

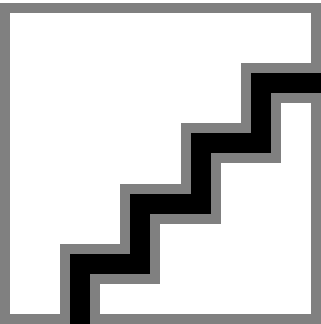


| Product | D | C |
|---------------------------------------|-------|-------|
| 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB | 51 mm | 46 mm |

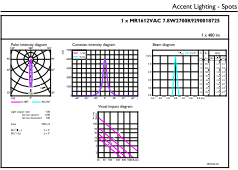
Photometric data



Light Distribution Diagram - 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB



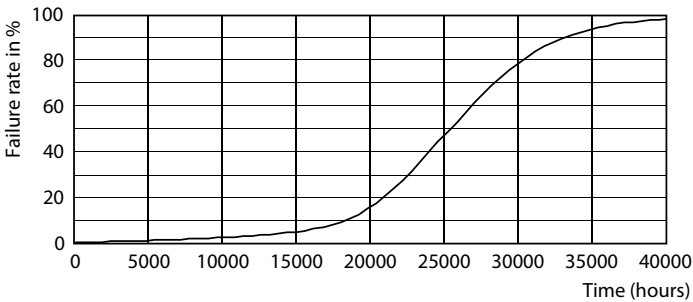
Spectral Power Distribution Colour - 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB



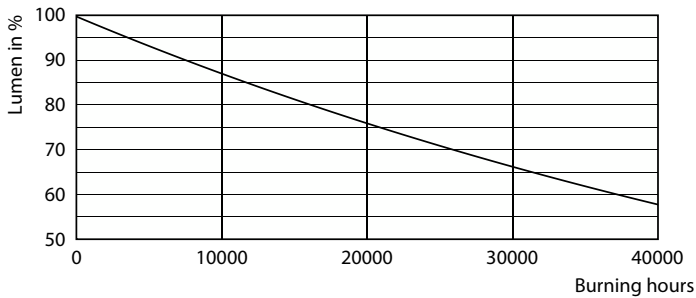
Accent Lighting Spots - 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB

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Lifetime



Life Expectancy Diagram - 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB



Lumen Maintenance Diagram - 7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB

