PHILIPS Lighting



LED MR16

6.5MR16/LED/F35/927/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 [GU5.3] | |
| Nominal lifetime | 25,000 hour(s) | |
| Switching Cycle | 50,000 | |
| Lighting Technology | LED | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Color Code | 927 | |
| Beam Angle (Nom) | 35 degree(s) | |
| Luminous Flux | 485 lm | |
| Luminous Intensity (Nom) | 1,110 cd | |
| Color Designation | Warm White (WW) | |
| Correlated Color Temperature (Nom) | 2700 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 | |
| | | |

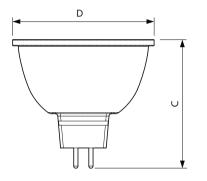
| Power Consumption | 6.5 W | |
|------------------------------|--------------------|--|
| Lamp Current (Nom) | 700 mA | |
| Wattage Equivalent | 42 W | |
| Starting Time (Nom) | 0.5 s | |
| Warm-up time to 60% light | 0.5 s | |
| Power Factor (Fraction) | 0.8 | |
| Voltage (Nom) | ac electronic 12 V | |
| | | |
| Temperature | | |
| T-Case Maximum (Nom) | 92 ℃ | |
| | | |
| 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 | |
| | | |

LED MR16

| Energy Consumption kWh/1000 h | - kWh | |
|-------------------------------|---|--|
| | | |
| Product Data | | |
| Order product name | 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB | |
| Full product name | 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB | |
| Order code | 929001854504 | |
| Material Nr. (12NC) | 929001854504 | |
| | | |

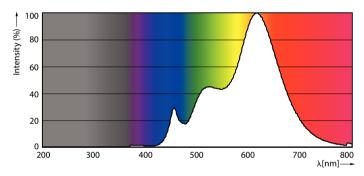
| Numerator - Quantity Per Pack | 1 | |
|---------------------------------|----------------|--|
| EAN/UPC - Product/Case | 046677479169 | |
| Numerator - Packs per outer box | 10 | |
| EAN/UPC - Case | 50046677479164 | |

Dimensional drawing

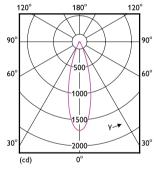


| Product | D | с |
|---|---------|-------|
| 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB | 50.5 mm | 46 mm |

Photometric data



Spectral Power Distribution Colour - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB



Light Distribution Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

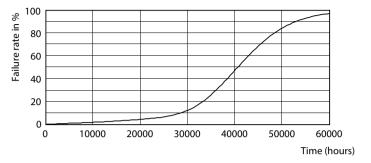
| | | Accent Lighting - Spot |
|--|-------------------------------|----------------------------|
| | 1 x MRI- | 611VAC 6.5W2700K9290018545 |
| | Cristin Jamiry dages 2 | |
| Alternational Adv Notes assessed and Notes assessed Notes a | | |

Accent Lighting Spots - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

Front 1/1

LED MR16

Lifetime



Life Expectancy Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

§ 100 90 80 70 60 50 0 1000 2000 3000 4000 5000 60000 Burning hours

Lumen Maintenance Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB



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