



LED MR16

8MR16/LED/827/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 | | |
|---------------------------------------|---------------------|--|
| Base | GU5.3 [GU5.3] | |
| EU RoHS compliant | Yes | |
| Nominal Lifetime (Nom) | 25000 h | |
| Switching Cycle | 50000X | |
| | | |
| Light Technical | | |
| Color Code | 827 [CCT of 2700K] | |
| Beam Angle (Nom) | 35 ° | |
| Initial lumen (Nom) | 600 lm | |
| Luminous Intensity (Nom) | 1700 cd | |
| Color Designation | Warm White (WW) | |
| Correlated Color Temperature (Nom) | 2700 K | |
| Luminous Efficacy (rated) (Nom) | 75.00 lm/W | |
| Color Consistency | <4 | |
| Color Rendering Index (Nom) | 80 | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | |
| | | |
| Operating and Electrical | | |
| Input Frequency | - Hz | |
| Power (Rated) (Nom) | 8 W | |
| Lamp Current (Nom) | 720 mA | |

| Wattage Equivalent | 75 W | | |
|---------------------------------|----------------------------------|--|--|
| Starting Time (Nom) | 0.5 s | | |
| Warm Up Time to 60% Light (Nom) | 0.5 s | | |
| Power Factor (Nom) | 0.7 | | |
| Voltage (Nom) | ac electronic 12 V | | |
| | | | |
| Temperature | | | |
| T-Case Maximum (Nom) | 93 ℃ | | |
| | | | |
| Controls and Dimming | | | |
| Dimmable | Only with specific dimmers | | |
| | | | |
| Mechanical and Housing | | | |
| Bulb Shape | MR16 [2inch/50mm] | | |
| | | | |
| Approval and Application | | | |
| Suitable For Accent Lighting | Yes | | |
| | | | |
| Product Data | | | |
| Order product name | 8MR16/LED/827/F35/DIM 12V 10/1FB | | |
| EAN/UPC - Product | 046677573935 | | |
| Order code | 573931 | | |

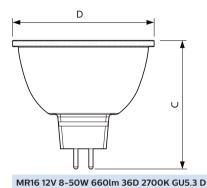
Datasheet, 2021, September 8 data subject to change

LED MR16

| Numerator - Quantity Per Pack | 1 |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929003072704 |

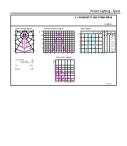
| Net Weight (Piece) 0.060 kg |
|-----------------------------|
|-----------------------------|

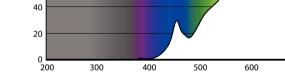
Dimensional drawing



| Product | D | С |
|----------------------------------|-------|---------|
| 8MR16/LED/827/F35/DIM 12V 10/1FB | 50 mm | 46.5 mm |

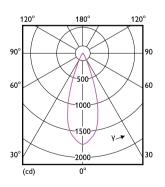
Photometric data





800 λ[nm]—►

LEDspots DIM IC 8W MR16 GU5,3 827 35D-ADL



LEDspots DIM IC 8W MR16 GU5,3 827 25D-POC

100

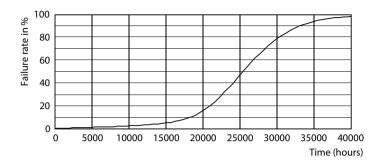
60

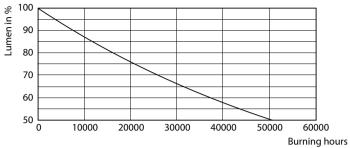
Intensity (%) 80

LEDspots DIM IC 8W MR16 GU5,3 827 35D-LDD

LED MR16

Lifetime





LEDspots LED 25K

LEDspots LMP 25K



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