



# LED MR16

## 8.5MR16/LED/830/F25/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

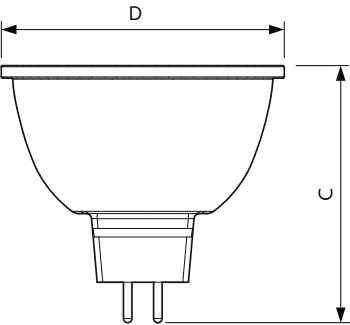
| General Information                   |                     |                                 |                                    |
|---------------------------------------|---------------------|---------------------------------|------------------------------------|
| Base                                  | GU5.3 [ GU5.3]      | Lamp Current (Nom)              | 960 mA                             |
| EU RoHS compliant                     | Yes                 | Wattage Equivalent              | 75 W                               |
| Nominal Lifetime (Nom)                | 25000 h             | Starting Time (Nom)             | 0.5 s                              |
| Switching Cycle                       | 50000X              | Warm Up Time to 60% Light (Nom) | 0.5 s                              |
| Technical Type                        | 8.5-75W             | Power Factor (Nom)              | 0.7                                |
|                                       |                     | Voltage (Nom)                   | ac electronic 12 V                 |
| Light Technical                       |                     | Temperature                     |                                    |
| Color Code                            | 830 [ CCT of 3000K] | T-Case Maximum (Nom)            | 100 °C                             |
| Beam Angle (Nom)                      | 25 °                |                                 |                                    |
| Initial lumen (Nom)                   | 620 lm              | Controls and Dimming            |                                    |
| Luminous Intensity (Nom)              | 3250 cd             | Dimmable                        | Yes                                |
| Color Designation                     | White (WH)          |                                 |                                    |
| Correlated Color Temperature (Nom)    | 3000 K              | Approval and Application        |                                    |
| Luminous Efficacy (rated) (Nom)       | 72.00 lm/W          | Energy Efficiency Label (EEL)   | Not applicable                     |
| Color Consistency                     | <4                  | Suitable For Accent Lighting    | Yes                                |
| Color Rendering Index (Nom)           | 80                  | Energy Consumption kWh/1000 h   | - kWh                              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |                                 |                                    |
| Operating and Electrical              |                     | Product Data                    |                                    |
| Input Frequency                       | - Hz                | Order product name              | 8.5MR16/LED/830/F25/DIM 12V 10/1FB |
| Power (Rated) (Nom)                   | 8.5 W               | EAN/UPC - Product               | 046677533175                       |
|                                       |                     | Order code                      | 533174                             |

LED MR16

|                                 |              |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001881404 |

|                    |          |
|--------------------|----------|
| Net Weight (Piece) | 0.052 kg |
|--------------------|----------|

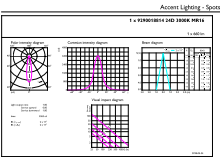
Dimensional drawing



MR16 12V 8-50W 621lm 24D 3000K GU5.3 D

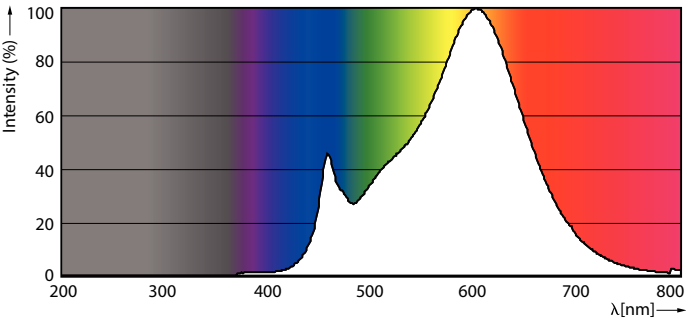
| Product                            | D       | C       |
|------------------------------------|---------|---------|
| 8.5MR16/LED/830/F25/DIM 12V 10/1FB | 50.5 mm | 46.5 mm |

Photometric data

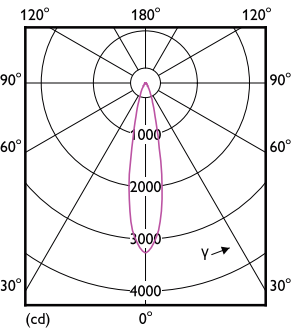


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8-50W GU5-3 MR16 24D 830 3000K



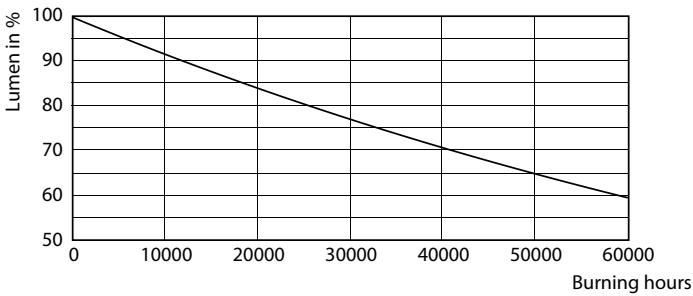
8-50W GU5-3 MR16



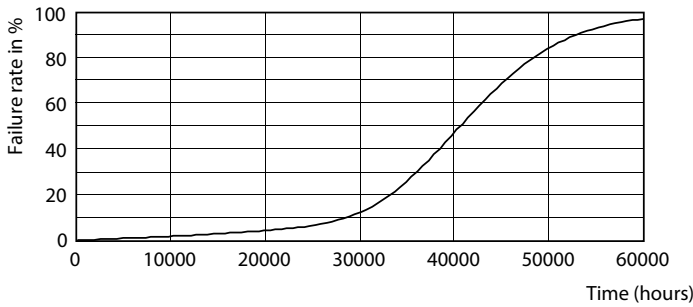
8-50W GU5-3 MR16 24D 827 2700K

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Lifetime



7-50W GU5-3 MR16



7-50W GU5-3 MR16

