



# MR16/GU10/PAR16

## 8.5MRX16/LED/F25 4000 DIM AF 10/1

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatability allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

### 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                            | 840 [CCT of 4000K] |
| Beam Angle (Nom)                      | 25 degree(s)       |
| Luminous Flux                         | 710 lm             |
| Luminous Intensity (Nom)              | 3,350 cd           |
| Color Designation                     | White (WH)         |
| Correlated Color Temperature (Nom)    | 4000 K             |
| Luminous Efficacy (rated) (Nom)       | 84 lm/W            |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Luminous Flux in 90° Cone (Rated)     | 670 lm             |
|                                       |                    |
| Operating and Electrical              |                    |
| Line Frequency                        | 60 Hz              |

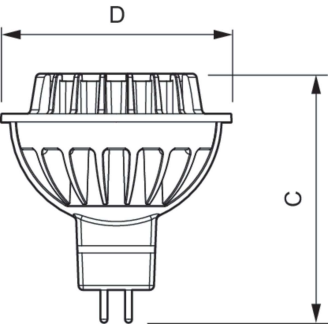
| Input Frequency               | 60 Hz             |
|-------------------------------|-------------------|
| Power Consumption             | 8.5 W             |
| Lamp Current (Nom)            | 900 mA            |
| Wattage Equivalent            | 50 W              |
| Starting Time (Nom)           | 0.5 s             |
| Warm-up time to 60% light     | 0.5 s             |
| Power Factor (Fraction)       | 0.7               |
| Voltage (Nom)                 | 12 V              |
|                               |                   |
| Temperature                   |                   |
| T-Case Maximum (Nom)          | 105 °C            |
|                               |                   |
| Controls and Dimming          |                   |
| Dimmable                      | Yes               |
|                               |                   |
| Mechanical and Housing        |                   |
| Bulb Shape                    | MR16 [2inch/50mm] |
|                               |                   |
| Approval and Application      |                   |
| Energy Saving Product         | Yes               |
| Suitable For Accent Lighting  | Yes               |
| Energy Consumption kWh/1000 h | 9 kWh             |

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|                       |                                   |
|-----------------------|-----------------------------------|
| Energy Certifications | Energy Star                       |
| Product Data          |                                   |
| Order product name    | 8.5MRX16/F25 4000 DIM AF 10/1     |
| Full product name     | 8.5MRX16/LED/F25 4000 DIM AF 10/1 |
| Order code            | 457523                            |
| Material Nr. (12NC)   | 929001150004                      |

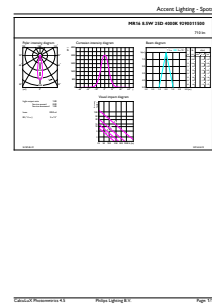
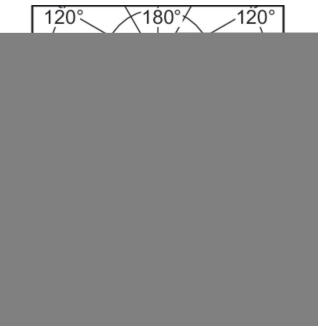
|                                 |                |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack   | 1              |
| EAN/UPC - Product/Case          | 046677457525   |
| Numerator - Packs per outer box | 10             |
| EAN/UPC - Case                  | 50046677457520 |

Dimensional drawing



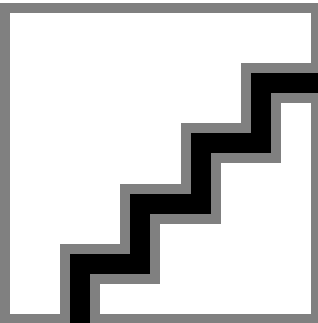
| Product                       | D     | C     |
|-------------------------------|-------|-------|
| 8.5MRX16/F25 4000 DIM AF 10/1 | 51 mm | 55 mm |

Photometric data



Light Distribution Diagram - 8.5MRX16/F25 4000 DIM AF 10/1

General uniform lighting - 8.5MRX16/F25 4000 DIM AF 10/1



Spectral Power Distribution Colour - 8.5MRX16/F25 4000 DIM AF 10/1

