



MR16/GU10/PAR16

8.5MRX16/LED/F35 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) | 35 degree(s) |
| Luminous Flux | 710 lm |
| Luminous Intensity (Nom) | 1,750 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 |

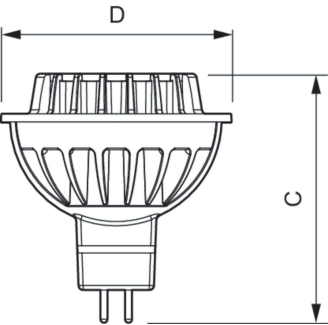
| Input Frequency | 60 Hz |
|-------------------------------|-------------------|
| Power Consumption | 8.5 W |
| Lamp Current (Nom) | 900 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 12 V |
| | |
| 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 |

MR16/GU10/PAR16

| | |
|-----------------------|-----------------------------------|
| Energy Certifications | Energy Star |
| Product Data | |
| Order product name | 8.5MRX16/F35 4000 DIM AF 10/1 |
| Full product name | 8.5MRX16/LED/F35 4000 DIM AF 10/1 |
| Order code | 457556 |
| Material Nr. (12NC) | 929001150304 |

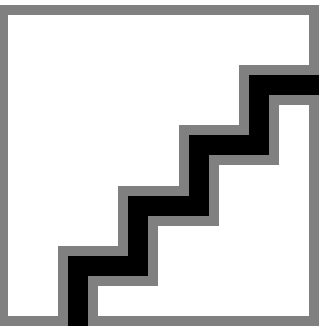
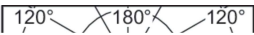
| | |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677457556 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677457551 |

Dimensional drawing



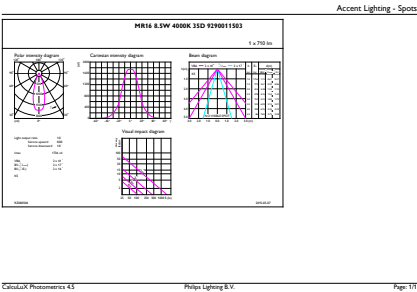
| Product | D | C |
|-------------------------------|-------|-------|
| 8.5MRX16/F35 4000 DIM AF 10/1 | 51 mm | 55 mm |

Photometric data



Light Distribution Diagram - 8.5MRX16/F35 4000 DIM AF 10/1

Spectral Power Distribution Colour - 8.5MRX16/F35 4000 DIM AF 10/1



General uniform lighting - 8.5MRX16/F35 4000 DIM AF 10/1

