PHILIPS Lighting



MR16/GU10/PAR16

8.5MRX16/LED/F25 3000 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 | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 25 degree(s) |
| Luminous Flux | 660 lm |
| Luminous Intensity (Nom) | 3,250 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 78 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 621 lm |
| | |
| Operating and Electrical | |
| Line Frequency | 60 Hz |
| | |

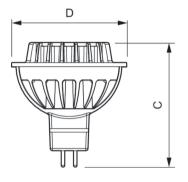
| Input Frequency | 60 Hz |
|-------------------------------|-------------------|
| Power Consumption | 8.5 W |
| Lamp Current (Nom) | 900 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 12 V |
| | |
| Temperature | |
| T-Case Maximum (Nom) | 221 °F |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Shape | MR16 [2inch/50mm] |
| | |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | - kWh |
| | |

MR16/GU10/PAR16

| Energy Certifications | Energy Star | |
|-----------------------|-----------------------------------|--|
| | | |
| Product Data | | |
| Order product name | 8.5MRX16/F25 3000 DIM AF 10/1 | |
| Full product name | 8.5MRX16/LED/F25 3000 DIM AF 10/1 | |
| Order code | 457515 | |
| Material Nr. (12NC) | 929001149904 | |

| Numerator - Quantity Per Pack | 1 |
|---------------------------------|----------------|
| EAN/UPC - Product/Case | 046677457518 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677457513 |
| | |

Dimensional drawing



| Product | D | с |
|-------------------------------|-------|-------|
| 8.5MRX16/F25 3000 DIM AF 10/1 | 51 mm | 55 mm |

Photometric data

120° ×180° × 120°

Light Distribution Diagram - 8.5MRX16/F25 3000 DIM AF 10/1



Spectral Power Distribution Colour - 8.5MRX16/F25 3000 DIM AF 10/1



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