



MR16/GU10/PAR16

8.5MRX16/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
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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

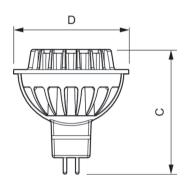
Datasheet, 2023, December 6 data subject to change

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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/F25 4000 DIM AF 10/1	
Order code	929001150004	
Material Nr. (12NC)	929001150004	

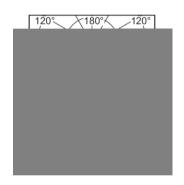
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677457525	
Numerator - Packs per outer box	10	
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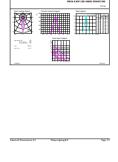
Dimensional drawing



Product	D	С
8.5MRX16/F25 4000 DIM AF 10/1	51 mm	55 mm

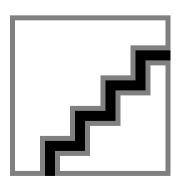
Photometric data





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

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