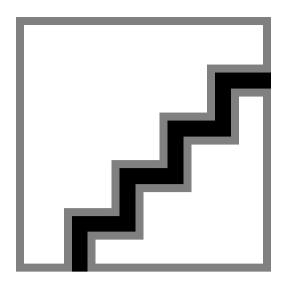
PHILIPS Lighting



MR16/GU10/PAR16

8.5MRX16/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	

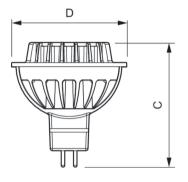
Input Frequency	60 Hz
Power Consumption	8.5 W
Lamp Current (Nom)	900 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	105 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	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

MR16/GU10/PAR16

Energy Star	
8.5MRX16/F25 3000 DIM AF 10/1	
8.5MRX16/F25 3000 DIM AF 10/1	
929001149904	
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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www.lighting.philips.com 2023, December 6 - data subject to change