PHILIPS Lighting



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 ℃	
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/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	с
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



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

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

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