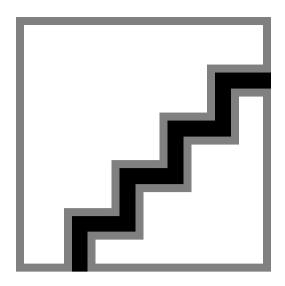
PHILIPS Lighting



MR16/GU10/PAR16

7MR16/LED/F25/827/DIM AF2 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	827 [CCT of 2700K]	
Beam Angle (Nom)	25 degree(s)	
Luminous Flux	500 lm	
Luminous Intensity (Nom)	2,400 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	71 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	500 lm	
Operating and Electrical		
Power Consumption	7 W	

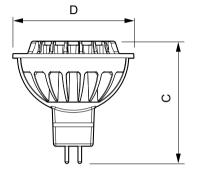
Lamp Current (Nom)	720 mA	
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	1s	
Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	92 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Energy Saving Product	Yes	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	8 kWh	
Energy Certifications	Energy Star	

MR16/GU10/PAR16

Product Data		
Order product name	7MR16/LED/F25/827/DIM AF2 10/1	
Full product name	7MR16/LED/F25/827/DIM AF2 10/1	
Order code	929001152834	
Material Nr. (12NC)	929001152834	
Numerator - Quantity Per Pack	1	

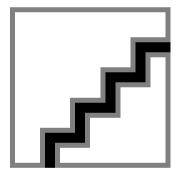
EAN/UPC - Product/Case	046677461553	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677461558	

Dimensional drawing



Product	D	с
7MR16/LED/F25/827/DIM AF2 10/1	51 mm	51 mm

Photometric data



Spectral Power Distribution Colour - 7MR16/LED/F25/827/DIM AF2 10/1

			Accent Lighting - Spo
	MR16 7W 25	D 2700K 9290011528	
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Folar intensity diagram	Cartesian intensity diagram	Bean-dagram	
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General uniform lighting - 7MR16/LED/F25/827/DIM AF2 10/1

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Philips Liebtine B.V

Light Distribution Diagram - 7MR16/LED/F25/827/DIM AF2 10/1

MR16/GU10/PAR16



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www.lighting.philips.com 2023, November 12 - data subject to change