PHILIPS Lighting



MR16/GU10/PAR16

7MR16/LED/F25/830/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	930 [CCT of 3000K]	
Beam Angle (Nom)	25 degree(s)	
Luminous Flux	500 lm	
Luminous Intensity (Nom)	2,500 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	71 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	90	
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 ℃	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Energy Saving Product	y Saving Product Yes	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h 8 kWh		

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Product Data	
Order product name	7MR16/LED/F25/830/DIM AF2 10/1
Full product name 7MR16/LED/F25/830/DIM AF	
Order code	929001152934
Material Nr. (12NC)	929001152934
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	046677461560	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677461565	

Dimensional drawing

Product	D	с
7MR16/LED/F25/830/DIM AF2 10/1	51 mm	51 mm

Photometric data

CalculuX Photometrics 4.5

				Accent Lighting - Spots
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	Conceptual No. Concept		2014	

General uniform lighting - 7MR16/LED/F25/830/DIM AF2 10/1

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Spectral Power Distribution Colour - 7MR16/LED/F25/830/DIM AF2 10/1

Light Distribution Diagram - 7MR16/LED/F25/830/DIM AF2 10/1

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www.lighting.philips.com 2023, December 6 - data subject to change