



LED MR16

7MR16/LED/827/F25/DIM 12V 10/1FB

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

Product data

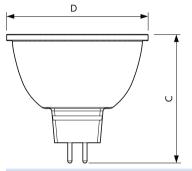
General Information	
Cap-Base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 °
Luminous Flux (Nom)	515 lm
Luminous Intensity (Nom)	2400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	73.00 lm/W
	73.00 lm/W <4
Luminous Efficacy (rated) (Nom)	· · ·
Luminous Efficacy (rated) (Nom) Color Consistency	<4
Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom)	<4 80
Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom)	<4 80
Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom)	<4 80
Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical	<4 80 70 %
Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical Input Frequency	<4 80 70 % - Hz

Wattage Equivalent	50 W		
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.7		
Voltage (Nom)	ac electronic 12 V		
Temperature			
T-Case Maximum (Nom)	90 ℃		
Controls and Dimming			
Dimmable	Only with specific dimmers		
Mechanical and Housing			
Bulb Shape	MR16 [2inch/50mm]		
Approval and Application			
Suitable For Accent Lighting	Yes		
Product Data			
Order product name	7MR16/LED/827/F25/DIM 12V 10/1FB		
EAN/UPC - Product	046677573867		
Order code	573865		

LED MR16

Numerator - Quantity Per Pack	1	Net Weight (Piece)	0.060 kg
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929003076204		

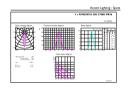
Dimensional drawing

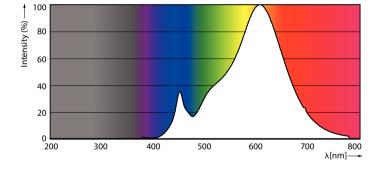


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Product	D	C
7MR16/LED/827/F25/DIM 12V 10/1FB	50 mm	46.5 mm

MR16 12V 7.3-50W 515lm 25D 2700K GU5.3 D

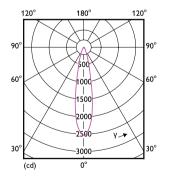
Photometric data





Lancado, Pasamerico, Y.A. Propi agreega v. Page VI

LEDspots DIM IC 7W MR16 GU5,3 827 25D-ADL

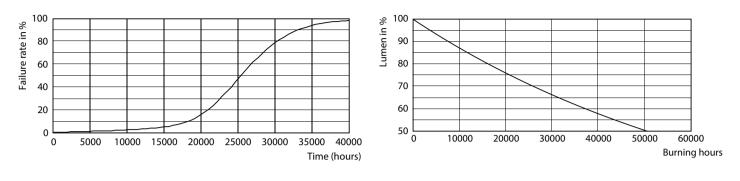


LEDspots DIM IC 7W MR16 GU5,3 827 25D-LDD

LEDspots DIM IC 7W MR16 GU5,3 827 25D-POC

LED MR16

Lifetime



LEDspots LED 25K

LEDspots LMP 25K



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www.lighting.philips.com 2021, September 8 - data subject to change