



LED MR16

7MR16/LED/827/F35/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			
Base	GU5.3 [GU5.3]		
EU RoHS compliant	Yes		
Nominal Lifetime (Nom)	25000 h		
Switching Cycle	50000		
Light technical			
Color Code	827 [CCT of 2700K]		
Beam Angle (Nom)	35 °		
Initial lumen (Nom)	515 lm		
Luminous Intensity (Nom)	1350 cd		
	Warm White (WW)		
Color Designation	Warm White (WW)		
Color Designation Correlated Color Temperature (Nom)	Warm White (WW) 2700 K		
Correlated Color Temperature (Nom)	2700 K		
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	2700 K 73.00 lm/W		
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency	2700 K 73.00 lm/W <4		
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom)	2700 K 73.00 lm/W <4 80		
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Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom)	2700 K 73.00 lm/W <4 80		
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom) Operating and electrical	2700 K 73.00 lm/W <4 80 70 %		
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color Rendering Index (Nom) LLMF At End Of Nominal Lifetime (Nom) Operating and electrical Input Frequency	2700 K 73.00 lm/W <4 80 70 %		

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)	194 °F	
Controls and dimming		
Dimmable	Only with specific dimmers	
Mechanical and housing		
Bulb Finish	Clear	
Bulb Material	Aluminum	
Bulb Shape	MR16 [2inch/50mm]	
Approval and application		
Suitable For Accent Lighting	Yes	
Energy Certifications	Energy Star	

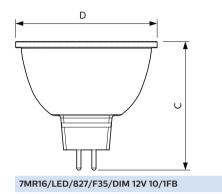
Datasheet, 2022, August 23 data subject to change

LED MR16

Product data	
Order product name	7MR16/LED/827/F35/DIM 12V 10/1FB
EAN/UPC - Product	046677573881
Order code	573881
Numerator - Quantity Per Pack	1

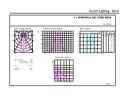
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003076404
Net Weight (Piece)	0.132 lb

Dimensional drawing



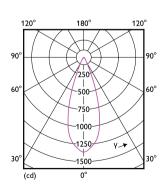
Product	D	С
7MR16/LED/827/F35/DIM 12V 10/1FB	2 in	1-7/8 in

Photometric data

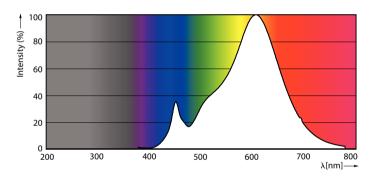




LEDspots DIM IC 7W MR16 GU5,3 827 35D-ADL



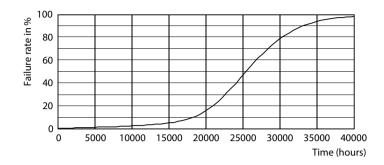
LEDspots DIM IC 7W MR16 GU5,3 827 35D-LDD

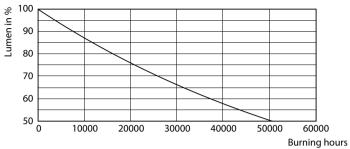


LEDspots DIM IC 7W MR16 GU5,3 827 25D-POC

LED MR16

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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