



LED MR16

7.8MR16/PER/927/F35/Dim/EC/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	927 [CCT of 2700K]		
Beam Angle (Nom)	35 °		
Initial lumen (Nom)	480 lm		
Luminous Intensity (Nom)	1320 cd		
Color Designation	Warm White (WW)		
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	61.00 lm/W		
Color Consistency	<3		
Color Rendering Index (Nom)	95		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical			
Input Frequency	- Hz		
Power (Rated) (Nom)	7.8 W		
Lamp Current (Nom)	720 mA		

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)	199.4 °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	

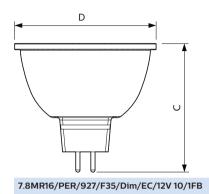
Datasheet, 2022, August 23 data subject to change

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Product data	
Order product name	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677573638
Order code	573634
Numerator - Quantity Per Pack	1

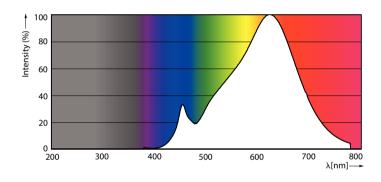
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003081304
Net Weight (Piece)	0.115 lb

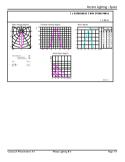
Dimensional drawing



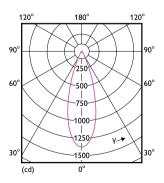
Product	D	С
7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	2 in	1-13/16 in

Photometric data





LEDspots DIM IC 7,8W MR16 GU5,3 927 10D-POC

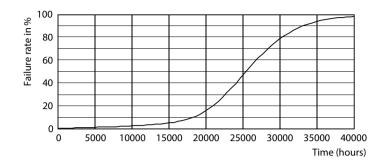


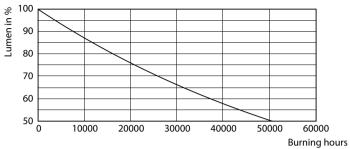
LEDspots DIM IC 7,8W MR16 GU5,3 927 35D-LDD

LEDspots DIM IC 7,8W MR16 GU5,3 927 35D-ADL

LED MR16

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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