



LED MR16

7.8MR16/PER/930/F25/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		
Cap-Base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Light technical		
Color Code	930 [CCT of 3000K]	
Beam Angle (Nom)	25 °	
Luminous Flux (Nom)	480 lm	
Luminous Intensity (Nom)	2330 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 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 (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)	93 ℃	
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	

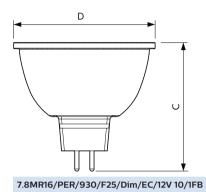
Datasheet, 2022, August 4 data subject to change

LED MR16

Product data	
Order product name	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677573614
Order code	929003081104
Numerator - Quantity Per Pack	1

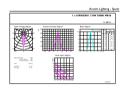
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003081104
Copy Net Weight (Piece)	0.052 kg

Dimensional drawing



Product	D	С
7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	50.5 mm	46 mm

Photometric data

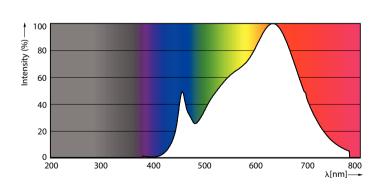




90° 180° 120° 90° 60° 1000 60° 1500 7.•• 30° (cd) 0°

LEDspots DIM IC 7,8W MR16 GU5,3 927 25D-LDD

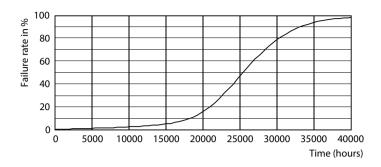
LEDspots DIM IC 7,8W MR16 GU5,3 930 25D-ADL

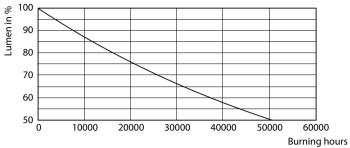


LEDspots DIM IC 7,8W MR16 GU5,3 930 10D-POC

LED MR16

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.