



LED MR16

7.8MR16/PER/927/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	
Base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	7.8-50W
Light Technical	
Color Code	927
Beam Angle (Nom)	25 °
Initial lumen (Nom)	480 lm
Luminous Intensity (Nom)	2330 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

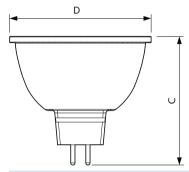
Lamp Current (Nom)	880 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	105 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	Not applicable
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677470166
Order code	470161

Datasheet, 2021, February 28 data subject to change

LED MR16

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001872804

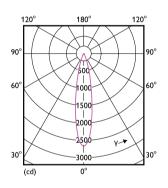
Dimensional drawing

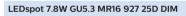


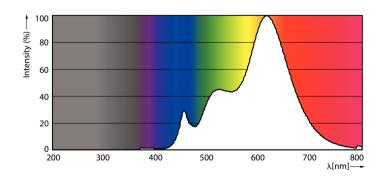
MR16 12V 7.5-50W 465lm 25D 2700K GU5.3 D

Product D C 7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB 51 mm 46 mm

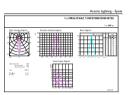
Photometric data







LEDspot 7.8W GU5.3 MR16 927 10D DIM

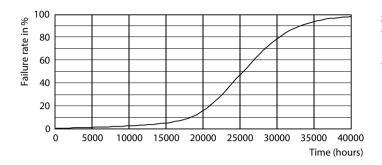


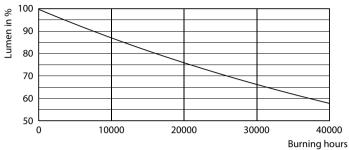
Calculus Photomerica 4.5 Philips Lighting B.V. Fage: UT

LEDspot 7.8W GU5.3 MR16 927 25D DIM

LED MR16

Lifetime





LEDspot 7.8W GU5.3 MR16 927 10D DIM

LEDspot 7.8W GU5.3 MR16 927 10D DIM



© 2021 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.