



LED MR16

6.3MR16/LED/F25/935/DIM/12V T20 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
Technical Type	LEDTECH-LOV
Light technical	
Color Code	935 [CCT of 3500K]
Beam Angle (Nom)	25 °
Luminous Flux (Nom)	470 lm
Luminous Intensity (Nom)	1960 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	74.00 lm/W
Color Consistency	<3
Color Rendering Index (Nom)	91
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	- Hz
Power (Nom)	6.3 W

Lamp Current (Nom)	600 mA
Wattage Equivalent	42 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	89 ℃
Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and application	
Suitable For Accent Lighting	Yes
Energy Certifications	Energy Star
Product data	
Order product name	6.3MR16/LED/F25/935/DIM/12V T20 10/1FB

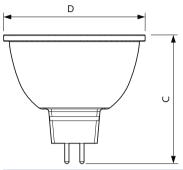
Datasheet, 2022, June 10 data subject to change

LED MR16

EAN/UPC - Product	046677577612
Order code	929003155304
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929003155304
Net Weight (Piece)	0.060 kg

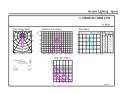
Dimensional drawing



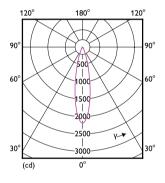
6.3MR16/LED/F25/935/DIM/12V T20 10/1FB

Product D C 6.3MR16/LED/F25/935/DIM/12V T20 10/1FB 50.5 mm 46 mm

Photometric data

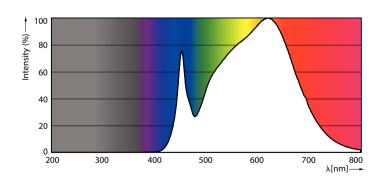






Light Distribution Diagram

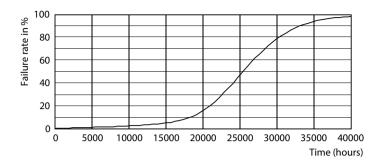
Accent Lighting Spots

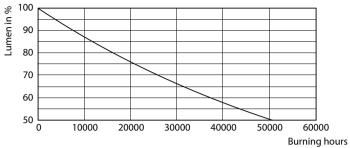


Spectral Power Distribution Colour

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.