

LED MR16

7MR16 ExpertColor F25 927 D 10/1

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]
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Technical Type	7-42W

Light Technical	
Color Code	927
Beam Angle (Nom)	25 °
Luminous Flux (Nom)	430 lm
Luminous Flux (Rated) (Nom)	430 lm
Luminous Intensity (Nom)	2200 cd
Color Designation	Warm White (WW)
Rated Beam Angle	25 °
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	61.43 lm/W
Color Consistency	<3
Color Rendering Index (Nom)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	800 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

Temperature	
T-Case Maximum (Nom)	92 °C

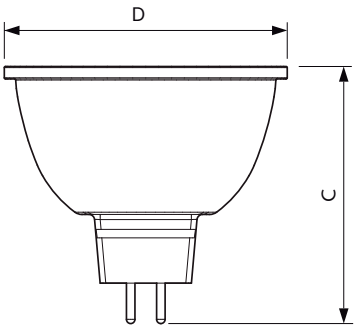
Controls and Dimming	
Dimmable	Yes

Approval and Application	
Suitable For Accent Lighting	Yes

Product Data	
Order product name	7MR16 ExpertColor F25 927 D 10/1
EAN/UPC - Product	046677470166
Order code	470161
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001342004

Net Weight (Piece)	0.034 kg

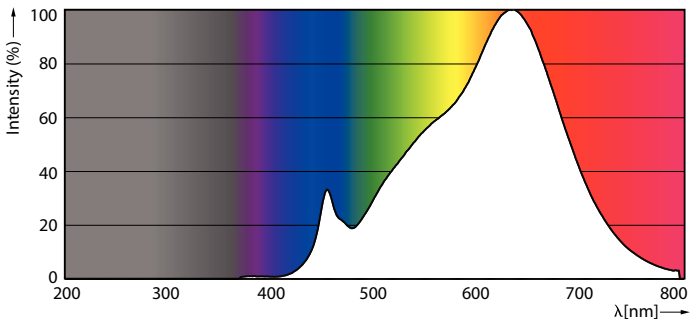
Dimensional drawing



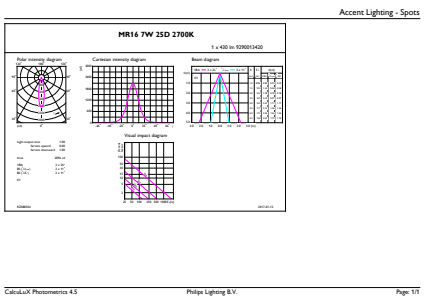
Product	D	C
7MR16 ExpertColor F25 927 D 10/1	51 mm	46 mm

MR16 12V 6.5-42W 420lm 25D 2700K GU5.3 D

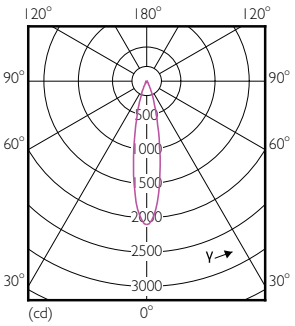
Photometric data



PAR38 120V 17-90W 1150lm 8D 2700K E26 D



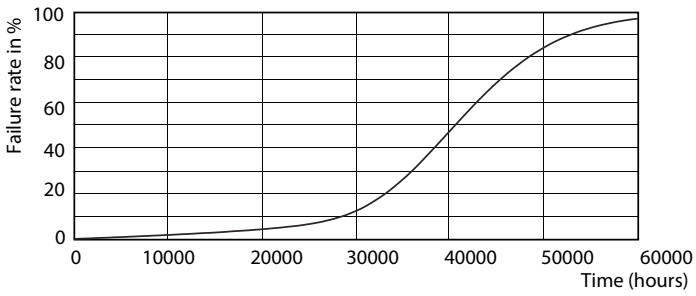
MR16 12V 6.5-42W 420lm 25D 2700K GU5.3 D

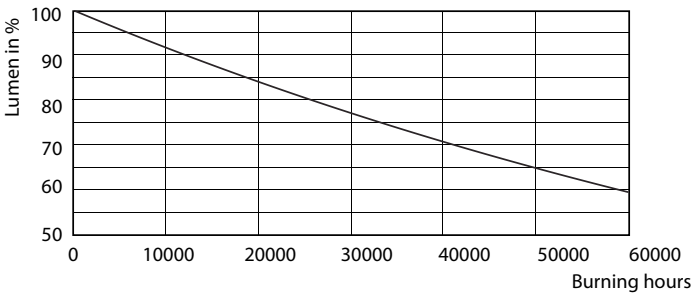


LEDSpots MR16 7W 927 430lm 25D

LED MR16

Lifetime





LEDspots MR16 7W

LEDspots MR16 7W

© 2019 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.