



# **LED MR16**

# 7.8MR16/PER/940/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
Light technical	
Color Code	940 [ CCT of 4000K]
Beam Angle (Nom)	25 °
Initial lumen (Nom)	540 lm
Luminous Intensity (Nom)	2600 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	69.00 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)	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	

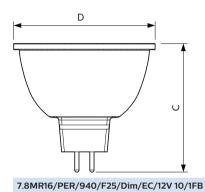
Datasheet, 2022, June 10 data subject to change

# **LED MR16**

Product data	
Order product name	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677573621
Order code	573626
Numerator - Quantity Per Pack	1

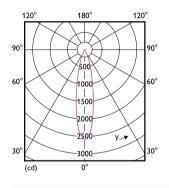
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003081204
Net Weight (Piece)	0.052 kg

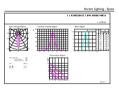
#### Dimensional drawing



Product	D	С
7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	50.5 mm	46 mm

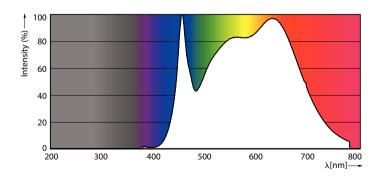
## Photometric data





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#### LEDspots DIM IC 7,8W MR16 GU5,3 940 25D-LDD

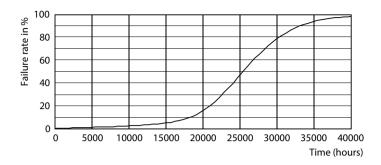


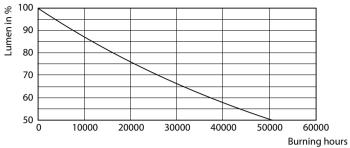
LEDspots DIM IC 7,8W MR16 GU5,3 940 10D-POC

#### LEDspots DIM IC 7,8W MR16 GU5,3 940 25D-ADL

## **LED MR16**

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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