



# **LED MR16**

# 7.8MR16/PER/940/F35/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	50000
Light technical	
Color Code	940 [ CCT of 4000K]
Beam Angle (Nom)	35 °
Initial lumen (Nom)	540 lm
Luminous Intensity (Nom)	1450 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)	199.4 °F
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

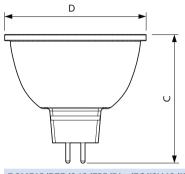
Datasheet, 2022, August 23 data subject to change

## **LED MR16**

Product data	
Order product name	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677573652
Order code	573659
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003081504
Net Weight (Piece)	0.115 lb

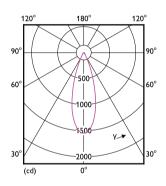
#### Dimensional drawing



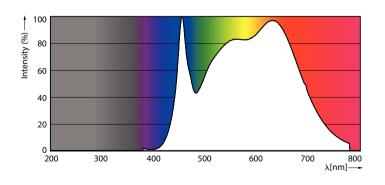
7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB

# Product D C 7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB 2 in 1-13/16 in

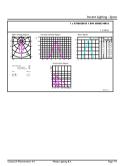
### Photometric data







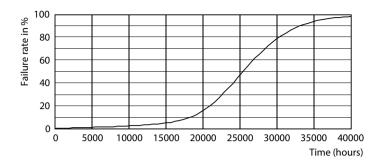
LEDspots DIM IC 7,8W MR16 GU5,3 940 10D-POC

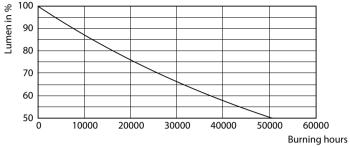


LEDspots DIM IC 7,8W MR16 GU5,3 940 35D-ADL

### **LED MR16**

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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