



# LED MR16

# 7.8MR16/PER/927/S10/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	927 [ CCT of 2700K]	
Beam Angle (Nom)	10 °	
Initial lumen (Nom)	480 lm	
Luminous Intensity (Nom)	5300 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)	720 mA	

Wattage Equivalent	35 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	

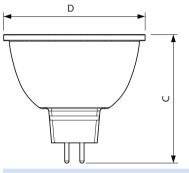
# LED MR16

Prod	uct	data

Order product name	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	
EAN/UPC - Product	046677573577	
Order code	573576	
Numerator - Quantity Per Pack	1	

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003080704
Net Weight (Piece)	0.115 lb

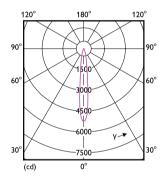
### Dimensional drawing



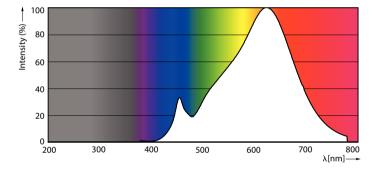
Product	D	c
7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	2 in	1-13/16 in

7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB

#### Photometric data



LEDspots DIM IC 7,8W MR16 GU5,3 927 10D-LDD



LEDspots DIM IC 7,8W MR16 GU5,3 927 10D-POC

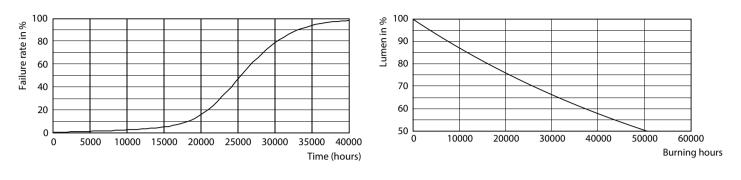
LEDspots DIM IC 7,8W MR16 GU5,3 927 10D-ADL

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Datasheet, 2022, August 23

## LED MR16

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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