



# LED MR16

# 7.8MR16/PER/930/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	50000	
Light technical		
Color Code	930 [ CCT of 3000K]	
Beam Angle (Nom)	25 °	
Initial lumen (Nom)	480 lm	
Luminous Intensity (Nom)	2330 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 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	

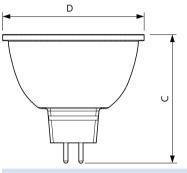
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	
Warm Up Time to 60% Light (Nom)	0.5 s	
Power Factor (Nom)	0.7	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	199.4 °F	
Controls and dimming		
Dimmable	Only with specific dimmers	
Mechanical and housing		
Bulb Finish	Clear	
Bulb Material	Aluminum	
Bulb Shape	MR16 [ 2inch/50mm]	
Approval and application		
Suitable For Accent Lighting	Yes	
Energy Certifications	Energy Star	

## LED MR16

Order product name	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	
EAN/UPC - Product	046677573614	
Order code	573618	
Numerator - Quantity Per Pack	1	

Numerator - Packs per outer box	10	
Material Nr. (12NC)	929003081104	
Net Weight (Piece)	0.115 lb	

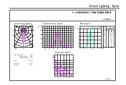
#### **Dimensional drawing**



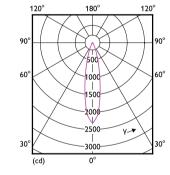
Product	D	с
7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	2 in	1-13/16 in

7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

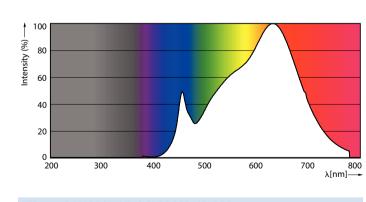
#### Photometric data



hilps Lighting 8.4



LEDspots DIM IC 7,8W MR16 GU5,3 930 25D-ADL

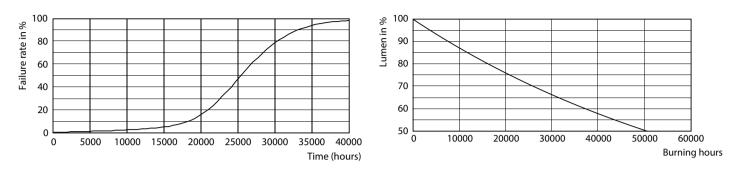


LEDspots DIM IC 7,8W MR16 GU5,3 930 10D-POC

#### LEDspots DIM IC 7,8W MR16 GU5,3 927 25D-LDD

### LED MR16

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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