



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

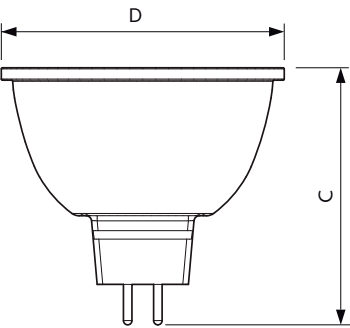
General information		Wattage Equivalent	
Cap-Base	GU5.3 [GU5.3]	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	25000 h	Power Factor (Nom)	0.7
Switching Cycle	50000X	Voltage (Nom)	ac electronic 12 V
Light technical		Temperature	
Color Code	927 [CCT of 2700K]	T-Case Maximum (Nom)	93 °C
Beam Angle (Nom)	10 °	Controls and dimming	
Luminous Flux (Nom)	480 lm	Dimmable	Only with specific dimmers
Luminous Intensity (Nom)	5300 cd	Mechanical and housing	
Color Designation	Warm White (WW)	Bulb Finish	Clear
Correlated Color Temperature (Nom)	2700 K	Bulb Material	Aluminum
Luminous Efficacy (rated) (Nom)	61.00 lm/W	Bulb Shape	MR16 [2inch/50mm]
Color Consistency	<3	Approval and application	
Color Rendering Index (Nom)	95	Suitable For Accent Lighting	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Certifications	Energy Star
Operating and electrical			
Input Frequency	- Hz		
Power (Nom)	7.8 W		
Lamp Current (Nom)	720 mA		

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Product data	
Order product name	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB
EAN/UPC - Product	046677573577
Order code	929003080704
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003080704
Copy Net Weight (Piece)	0.052 kg

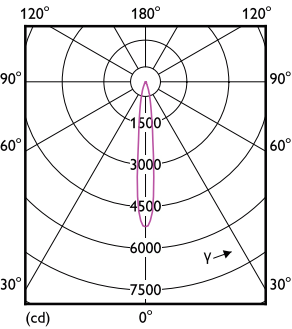
Dimensional drawing



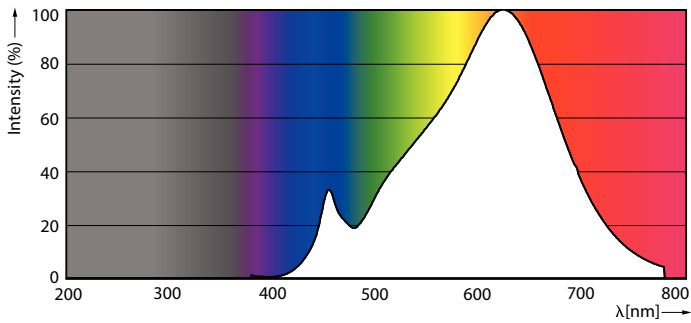
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Product	D	C
7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	50.5 mm	46 mm

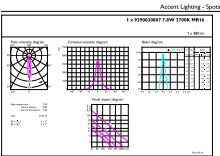
Photometric data



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



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



Technical Photometric Data - Beam Spread Data

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

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

