PHILIPS Lighting



LED MR16

7.8MR16/PER/927/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	
Cap-Base	GU5.3
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	35 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	1,320 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 К
Luminous Efficacy (rated) (Nom)	61.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz

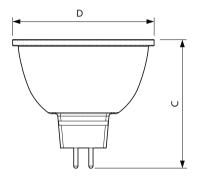
Power Consumption	7.8 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	93 ℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
Approval and Application	
Suitable For Accent Lighting	Yes

LED MR16

Energy Certifications	Energy Star
Product Data	
Order product name	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB
Full product name	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB
Order code	929003081304
Material Nr. (12NC)	929003081304

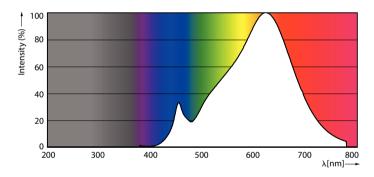
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573638
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573633

Dimensional drawing

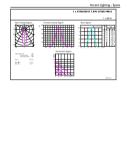


Product	D	с
7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	50.5 mm	46 mm

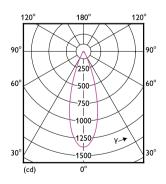
Photometric data



Spectral Power Distribution Colour - 7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB



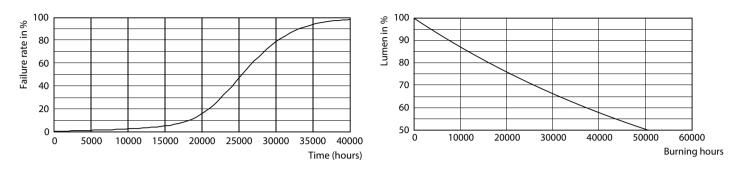
Accent Lighting Spots - 7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB



Light Distribution Diagram - 7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB

LED MR16

Lifetime



Life Expectancy Diagram - 7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB

Lumen Maintenance Diagram - 7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB



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