



LED MR16

8MR16/LED/827/F25/DIM 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

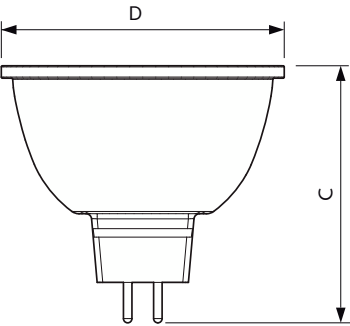
General information		Wattage Equivalent	
Cap-Base	GU5.3 [GU5.3]	75 W	
EU RoHS compliant	Yes	Starting Time (Nom)	
Nominal Lifetime (Nom)	25000 h	0.5 s	
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	
Light technical		0.5 s	
Color Code	827 [CCT of 2700K]	Power Factor (Nom)	
Beam Angle (Nom)	25 °	0.7	
Luminous Flux (Nom)	600 lm	Voltage (Nom)	
Luminous Intensity (Nom)	3100 cd	ac electronic 12 V	
Color Designation	Warm White (WW)	Temperature	
Correlated Color Temperature (Nom)	2700 K	T-Case Maximum (Nom)	
Luminous Efficacy (rated) (Nom)	75.00 lm/W	93 °C	
Color Consistency	<4	Controls and dimming	
Color Rendering Index (Nom)	80	Dimmable	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Only with specific dimmers	
Operating and electrical		Mechanical and housing	
Input Frequency	- Hz	Bulb Finish	
Power (Nom)	8 W	Clear	
Lamp Current (Nom)	720 mA	Bulb Material	
		Aluminum	
		Bulb Shape	
		MR16 [2inch/50mm]	
		Approval and application	
		Suitable For Accent Lighting	
		Yes	
		Energy Certifications	
		Energy Star	

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Product data	
Order product name	8MR16/LED/827/F25/DIM 12V 10/1FB
EAN/UPC - Product	046677573904
Order code	929003072504
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003072504
Copy Net Weight (Piece)	0.060 kg

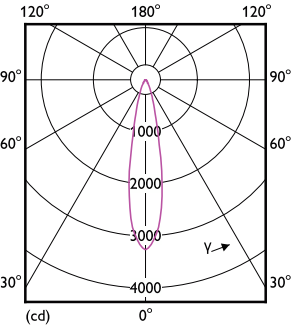
Dimensional drawing



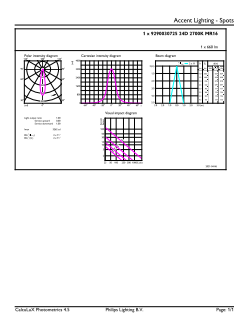
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Product	D	C
8MR16/LED/827/F25/DIM 12V 10/1FB	50 mm	46.5 mm

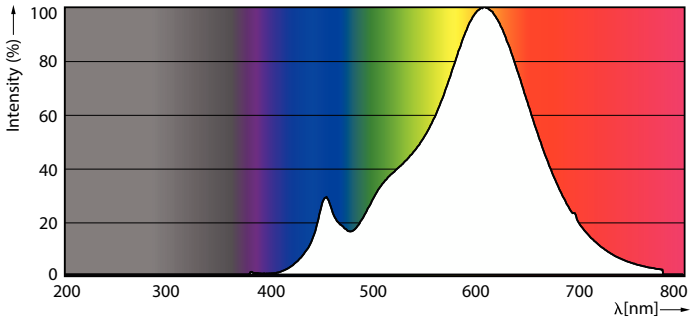
Photometric data



LEDspots DIM IC 8W MR16 GU5,3 827 25D-LDD



LEDspots DIM IC 8W MR16 GU5,3 827 25D-ADL



LEDspots DIM IC 8W MR16 GU5,3 827 25D-POC

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

