



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

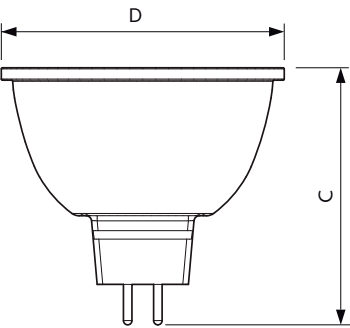
General information		Wattage Equivalent	
Base	GU5.3 [GU5.3]	75 W	
EU RoHS compliant	Yes	Starting Time (Nom)	
Nominal Lifetime (Nom)	25000 h	0.5 s	
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	
		0.5 s	
		Power Factor (Nom)	
		0.7	
		Voltage (Nom)	
		ac electronic 12 V	
Light technical		Temperature	
Color Code	827 [CCT of 2700K]	T-Case Maximum (Nom)	
Beam Angle (Nom)	25 °	199.4 °F	
Initial lumen (Nom)	600 lm		
Luminous Intensity (Nom)	3100 cd	Controls and dimming	
Color Designation	Warm White (WW)	Dimmable	
Correlated Color Temperature (Nom)	2700 K	Only with specific dimmers	
Luminous Efficacy (rated) (Nom)	75.00 lm/W		
Color Consistency	<4	Mechanical and housing	
Color Rendering Index (Nom)	80	Bulb Finish	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Clear	
		Bulb Material	
		Aluminum	
		Bulb Shape	
		MR16 [2inch/50mm]	
Operating and electrical		Approval and application	
Input Frequency	- Hz	Suitable For Accent Lighting	
Power (Rated) (Nom)	8 W	Yes	
Lamp Current (Nom)	720 mA	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	573907
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003072504
Net Weight (Piece)	0.132 lb

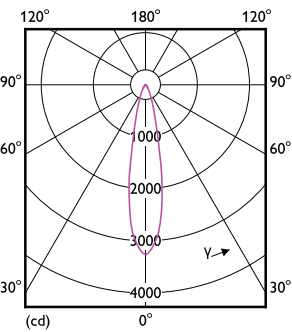
Dimensional drawing



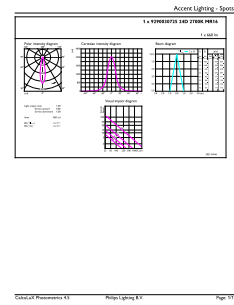
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Product	D	C
8MR16/LED/827/F25/DIM 12V 10/1FB	2 in	1-7/8 in

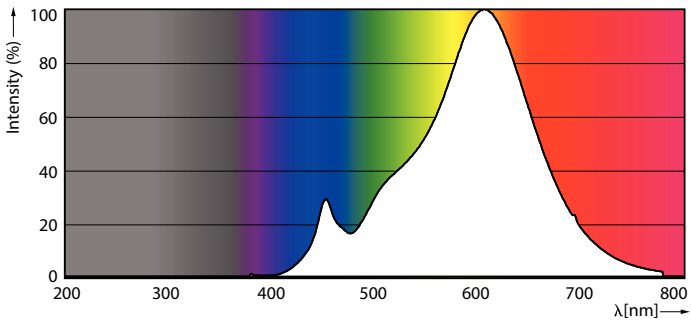
Photometric data



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



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



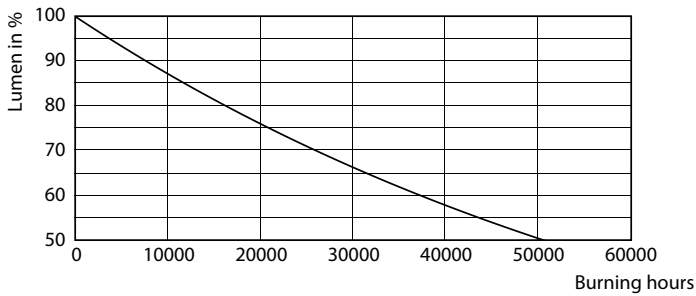
LEDspots DIM IC 8W MR16 GU5,3 827 25D-POC

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

