



LED MR16

8MR16/LED/830/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		
Cap-Base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Light technical		
Color Code	830 [CCT of 3000K]	
Beam Angle (Nom)	25 °	
Luminous Flux (Nom)	620 lm	
Luminous Intensity (Nom)	3250 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	77.00 lm/W	
Color Consistency	<4	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and electrical		
Input Frequency	- Hz	
Power (Nom)	8 W	
Lamp Current (Nom)	720 mA	

Wattage Equivalent	75 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)	93 ℃	
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	

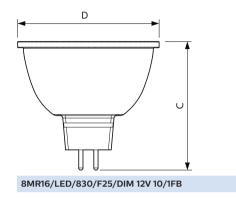
Datasheet, 2022, August 4 data subject to change

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Product data	
Order product name	8MR16/LED/830/F25/DIM 12V 10/1FB
EAN/UPC - Product	046677573911
Order code	929003072604
Numerator - Quantity Per Pack	1

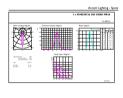
Numerator - Packs per outer box	10	
Material Nr. (12NC)	929003072604	
Copy Net Weight (Piece)	0.060 kg	

Dimensional drawing



Product	D	С
8MR16/LED/830/F25/DIM 12V 10/1FB	50 mm	46.5 mm

Photometric data





90° 000 60° 60° 300° (cd) 0° 30°

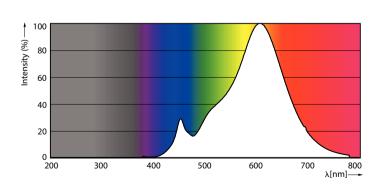
180°

120°

120°

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

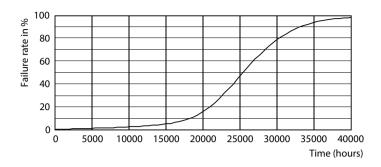
LEDspots DIM IC 8W MR16 GU5,3 830 25D-ADL

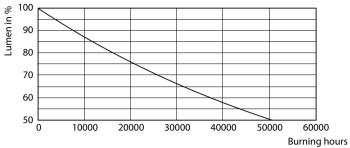


LEDspots DIM IC 8W MR16 GU5,3 830 25D-POC

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Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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