



LED MR16

8MR16/LED/840/F35/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	840 [CCT of 4000K]		
Beam Angle (Nom)	35 °		
Luminous Flux (Nom)	660 lm		
Luminous Intensity (Nom)	1800 cd		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	82.00 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		

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		

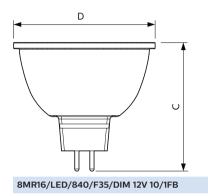
Datasheet, 2022, June 10 data subject to change

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Product data	
Order product name	8MR16/LED/840/F35/DIM 12V 10/1FB
EAN/UPC - Product	046677573959
Order code	929003072904
Numerator - Quantity Per Pack	1

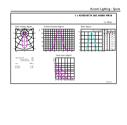
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929003072904		
Net Weight (Piece)	0.060 kg	0.060 kg	

Dimensional drawing

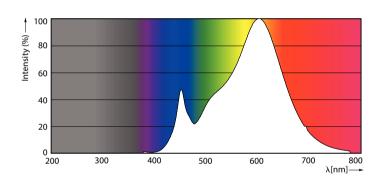


Product	D	С
8MR16/LED/840/F35/DIM 12V 10/1FB	50 mm	46.5 mm

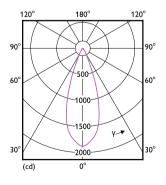
Photometric data







LEDspots DIM IC 8W MR16 GU5,3 840 35D-ADL

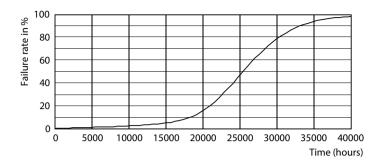


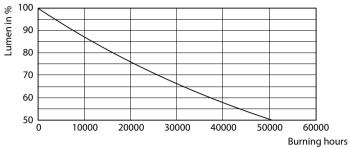
LEDspots DIM IC 8W MR16 GU5,3 840 35D-LDD

LEDspots DIM IC 8W MR16 GU5,3 840 35D-POC

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Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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