



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	
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 Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Product Data		
Order product name	8MR16/LED/840/F35/DIM 12V 10/1FB	
EAN/UPC - Product	046677573959	
Order code	929003072904	

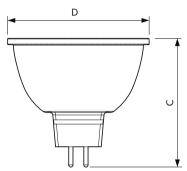
Datasheet, 2021, September 8 data subject to change

LED MR16

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003072904

Net Weight (Piece)	0.060 kg
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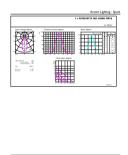
Dimensional drawing



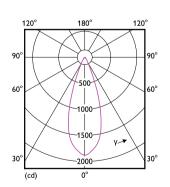
MR16 12V 8-50W 710lm 36D 4000K GU5.3 D

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

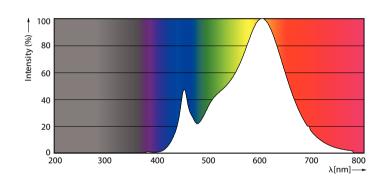
Photometric data



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



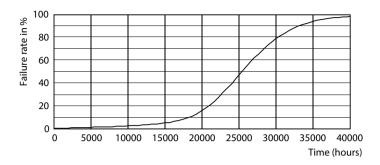
LEDspots DIM IC 8W MR16 GU5,3 840 35D-LDD

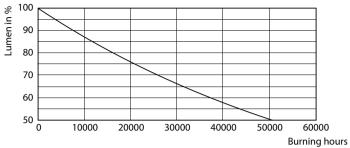


LEDspots DIM IC 8W MR16 GU5,3 840 35D-POC

LED MR16

Lifetime





LEDspots LED 25K

LEDspots LMP 25K



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