



LED MR16

6.5MR16/F25/2700-2200 DIM 12V

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	50000		
Light technical			
Color Code	822-827 [tunable warm white]		
Beam Angle (Nom)	25 °		
Luminous Flux (Nom)	455 lm		
Luminous Intensity (Nom)	1601 cd		
Color Designation	Warm Glow(WG)		
Correlated Color Temperature (Nom)	2200 2700 K		
Luminous Efficacy (rated) (Nom)	70.00 lm/W		
Color Consistency	<6		
Color Rendering Index (Nom)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical			
Input Frequency	- Hz		
Power (Nom)	6.5 W		
Lamp Current (Nom)	690 mA		
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Wattage Equivalent	35 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)	80 °C		
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		

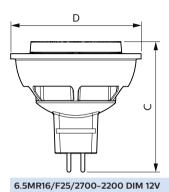
Datasheet, 2022, August 23 data subject to change

LED MR16

Product data	
Order product name	6.5MR16/F25/2700-2200 DIM 12V
EAN/UPC - Product	046677574406
Order code	929003087104
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10	
Material Nr. (12NC)	929003087104	
Net Weight (Piece)	0.052 kg	

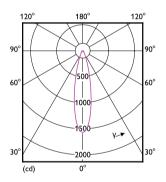
Dimensional drawing



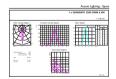
Product	D	С
6.5MR16/F25/2700-2200 DIM 12V	51 mm	50.5 mm

λ[nm]—►

Photometric data







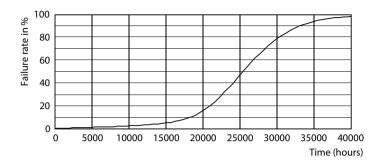
LEDspots DIM IC 6,5W MR16 GU5,3 827 25D-POC

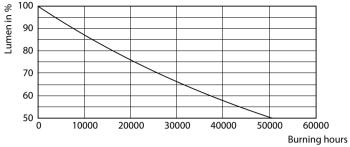
Intensity (%)

LEDspots DIM IC 6,5W MR16 GU5,3 827 25D-ADL

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Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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