



# 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

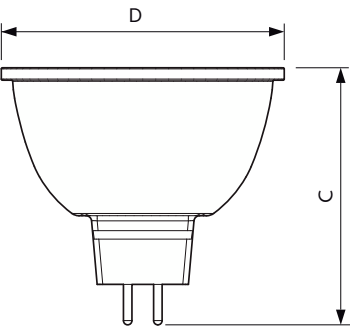
<b>General information</b>		<b>Wattage Equivalent</b>	
Cap-Base	GU5.3 [ GU5.3]	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	25000 h	Power Factor (Nom)	0.7
Switching Cycle	50000X	Voltage (Nom)	ac electronic 12 V
<b>Light technical</b>		<b>Temperature</b>	
Color Code	840 [ CCT of 4000K]	T-Case Maximum (Nom)	93 °C
Beam Angle (Nom)	35 °	<b>Controls and dimming</b>	
Luminous Flux (Nom)	660 lm	Dimmable	Only with specific dimmers
Luminous Intensity (Nom)	1800 cd	<b>Mechanical and housing</b>	
Color Designation	Cool White (CW)	Bulb Finish	Clear
Correlated Color Temperature (Nom)	4000 K	Bulb Material	Aluminum
Luminous Efficacy (rated) (Nom)	82.00 lm/W	Bulb Shape	MR16 [ 2inch/50mm]
Color Consistency	<4	<b>Approval and application</b>	
Color Rendering Index (Nom)	80	Suitable For Accent Lighting	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Certifications	Energy Star
<b>Operating and electrical</b>			
Input Frequency	- Hz		
Power (Nom)	8 W		
Lamp Current (Nom)	720 mA		

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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
Copy Net Weight (Piece)	0.060 kg

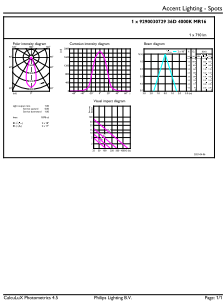
Dimensional drawing



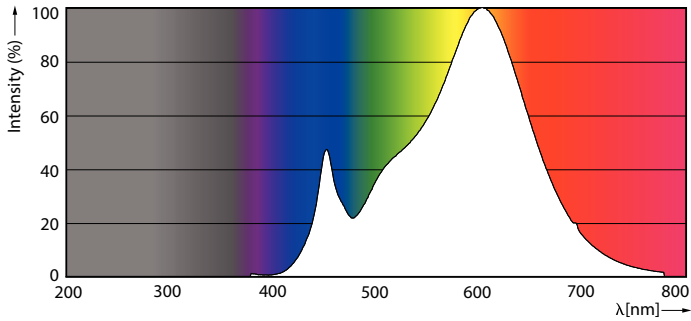
8MR16/LED/840/F35/DIM 12V 10/1FB

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

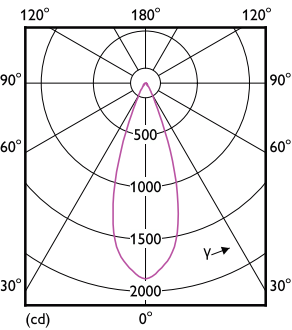
Photometric data



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



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



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

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

