



# LED MR16

## 8MR16/LED/830/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

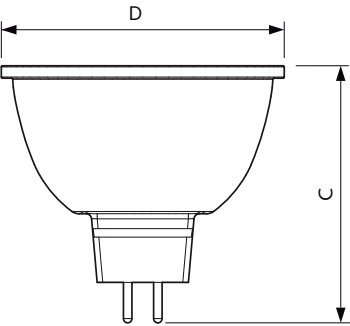
<b>General information</b>		<b>Wattage Equivalent</b>	
Base	GU5.3 [ GU5.3]	75 W	
EU RoHS compliant	Yes	<b>Starting Time (Nom)</b>	
Nominal Lifetime (Nom)	25000 h	0.5 s	
Switching Cycle	50000	<b>Warm Up Time to 60% Light (Nom)</b>	
		0.5 s	
		<b>Power Factor (Nom)</b>	
		0.7	
		<b>Voltage (Nom)</b>	
		ac electronic 12 V	
<b>Light technical</b>		<b>Temperature</b>	
Color Code	830 [ CCT of 3000K]	<b>T-Case Maximum (Nom)</b>	
Beam Angle (Nom)	35 °	199.4 °F	
Initial lumen (Nom)	620 lm		
Luminous Intensity (Nom)	1700 cd	<b>Controls and dimming</b>	
Color Designation	White (WH)	<b>Dimmable</b>	
Correlated Color Temperature (Nom)	3000 K	Only with specific dimmers	
Luminous Efficacy (rated) (Nom)	77.00 lm/W		
Color Consistency	<4	<b>Mechanical and housing</b>	
Color Rendering Index (Nom)	80	<b>Bulb Finish</b>	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Clear	
		<b>Bulb Material</b>	
		Aluminum	
		<b>Bulb Shape</b>	
		MR16 [ 2inch/50mm]	
<b>Operating and electrical</b>		<b>Approval and application</b>	
Input Frequency	- Hz	<b>Suitable For Accent Lighting</b>	
Power (Rated) (Nom)	8 W	Yes	
Lamp Current (Nom)	720 mA	<b>Energy Certifications</b>	
		Energy Star	

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Product data	
Order product name	8MR16/LED/830/F35/DIM 12V 10/1FB
EAN/UPC - Product	046677573942
Order code	573949
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929003072804
Net Weight (Piece)	0.132 lb

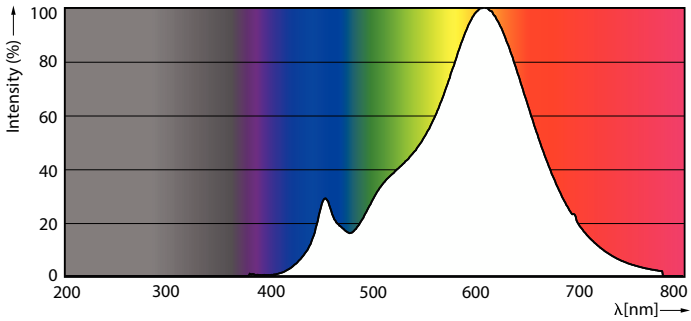
Dimensional drawing



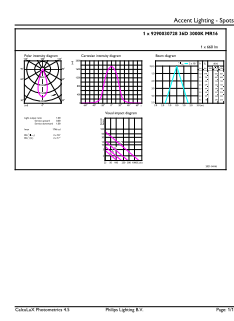
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Product	D	C
8MR16/LED/830/F35/DIM 12V 10/1FB	2 in	1-7/8 in

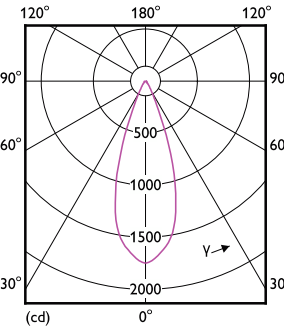
Photometric data



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



LEDspots DIM IC 8W MR16 GU5,3 830 35D-ADL



LEDspots DIM IC 8W MR16 GU5,3 827 35D-LDD

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

