



# LED MR16

# 8MR16/LED/830/F25/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**

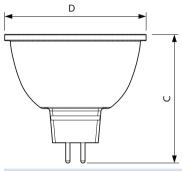
General information	
Base	GU5.3 [ GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Light technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	25 °
Initial lumen (Nom)	620 lm
Luminous Intensity (Nom)	3250 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77.00 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 (Rated) (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/830/F25/DIM 12V 10/1FB	
EAN/UPC - Product	046677573911	
Order code	573915	

## LED MR16

Numerator - Quantity Per Pack	1	Net Weight (Piece)	0.060 kg
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929003072604		

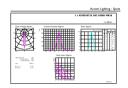
#### **Dimensional drawing**

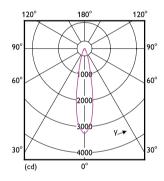


Product	D	с
8MR16/LED/830/F25/DIM 12V 10/1FB	50 mm	46.5 mm

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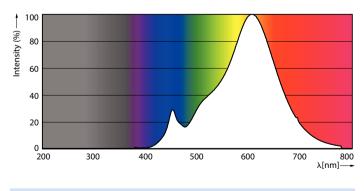
#### Photometric data





CalculusX Photometries 4.5 Photom Lighting B.V. Pager 1/1

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

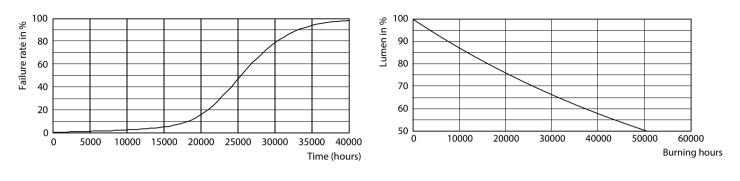


LEDspots DIM IC 8W MR16 GU5,3 830 25D-POC

LEDspots DIM IC 8W MR16 GU5,3 827 25D-LDD

### LED MR16

#### Lifetime



LEDspots LED 25K

LEDspots LMP 25K



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www.lighting.philips.com 2021, September 8 - data subject to change