



LED MR16

8MR16/LED/830/F35/DIM 12V 10/1FB

LED, MR16, Only with specific dimmers, GU5.3, 3000 K, 620 lm, 25000 hour(s), Aluminum

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
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	35 degree(s)
Luminous Flux	620 lm
Luminous Intensity (Nom)	1,700 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 (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	8 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	93 °C
Controls and Dimming	
Dimmable	Only with specific dimmers

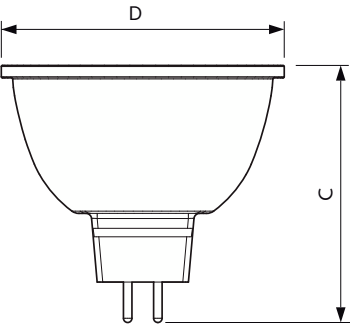
LED MR16

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.060 kg

Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	No

Application Conditions	
can it be used in closed luminaires	Yes

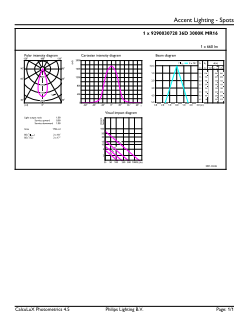
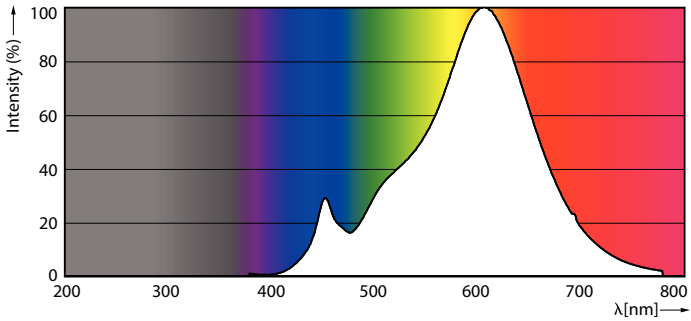
Dimensional drawing



Product Data	
Order product name	8MR16/LED/830/F35/DIM 12V 10/1FB
Full product name	8MR16/LED/830/F35/DIM 12V 10/1FB
Order code	573949
Material Nr. (12NC)	929003072804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573942
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573947

Product	D	C
8MR16/LED/830/F35/DIM 12V 10/1FB	50 mm	46.5 mm

Photometric data

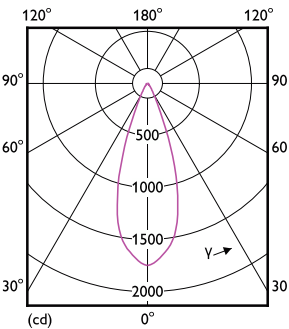


Spectral Power Distribution Colour - 8MR16/LED/830/F35/DIM 12V 10/1FB

Accent Lighting Spots - 8MR16/LED/830/F35/DIM 12V 10/1FB

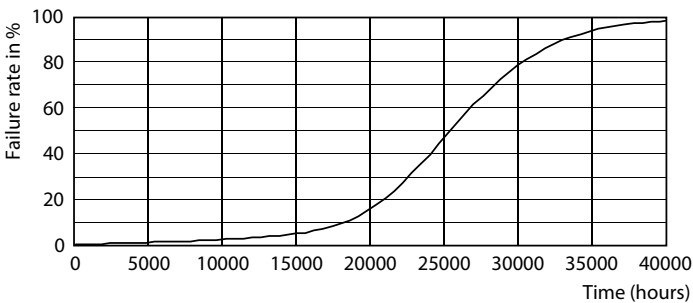
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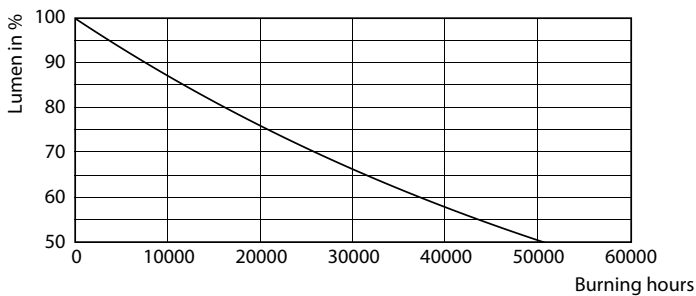


Light Distribution Diagram - 8MR16/LED/830/F35/DIM 12V 10/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 8MR16/LED/830/F35/DIM 12V 10/1FB

