



LED MR16

6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

LED, MR16, 42 W, GU5.3, 3000 K, 470 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		Operating and Electrical	
Cap-Base	GU5.3	Line Frequency	- Hz
Nominal lifetime	25,000 hour(s)	Input Frequency	- Hz
Switching Cycle	50,000	Power Consumption	6.3 W
Lighting Technology	LED	Lamp Current (Nom)	600 mA
Light Technical		Wattage Equivalent	42 W
Color Code	930 [CCT of 3000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	35 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	470 lm	Power Factor (Fraction)	0.9
Luminous Intensity (Nom)	1,110 cd	Voltage (Nom)	ac electronic 12 V
Color Designation	White (WH)	Temperature	
Correlated Color Temperature (Nom)	3000 K	T-Case Maximum (Nom)	89 °C
Luminous Efficacy (rated) (Nom)	74.00 lm/W	Controls and Dimming	
Color Consistency	<3	Dimmable	Only with specific dimmers
Color rendering index (CRI)	91		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.052 kg

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	Yes

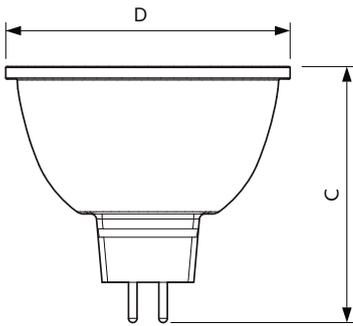
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

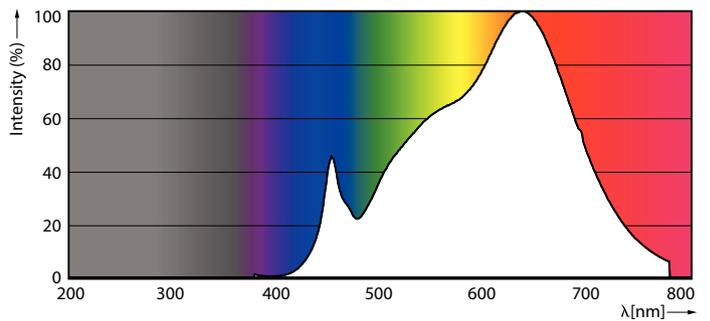
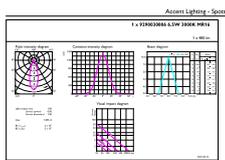
Order product name	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB
Full product name	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB
Order code	929003080604
Material Nr. (12NC)	929003080604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573560
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573565

Dimensional drawing



Product	D	C
6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	50.5 mm	46 mm

Photometric data

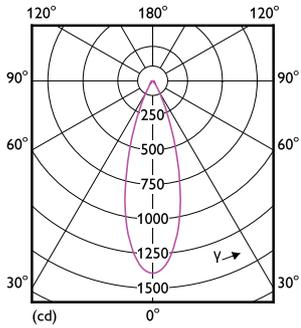


Accent Lighting Spots - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

Spectral Power Distribution Colour - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

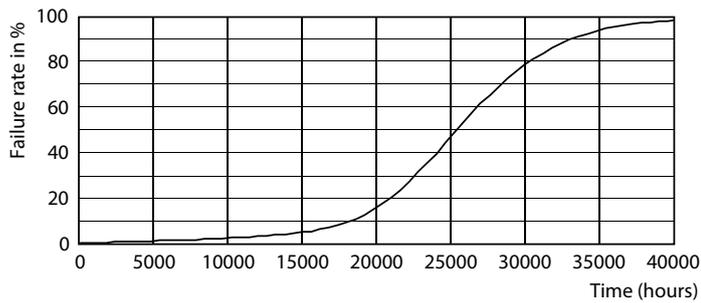
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Photometric data

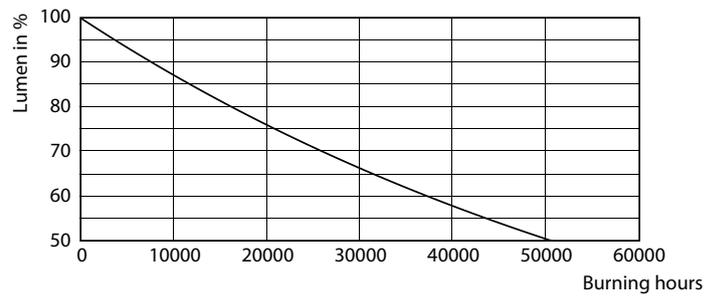


Light Distribution Diagram - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB

