

LED MR16

7MR16/LED/827/F35/DIM 12V 10/1FB

LED, MR16, 50 W, GU5.3, 2700 K, 515 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	827 [CCT of 2700K]
Beam Angle (Nom)	35 degree(s)
Luminous Flux	515 lm
Luminous Intensity (Nom)	1,350 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	73.00 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	7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	50 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)	90 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

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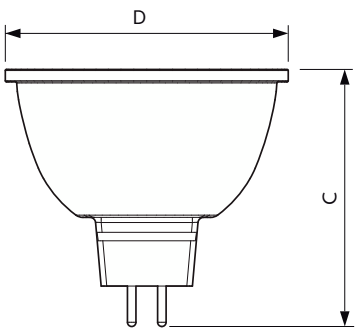
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.060 kg

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

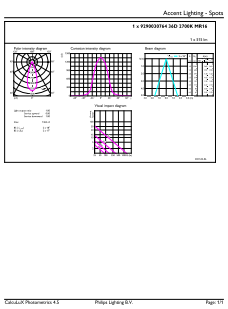
Product Data	
Order product name	7MR16/LED/827/F35/DIM 12V 10/1FB
Full product name	7MR16/LED/827/F35/DIM 12V 10/1FB
Order code	929003076404
Material Nr. (12NC)	929003076404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573881
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573886

Dimensional drawing

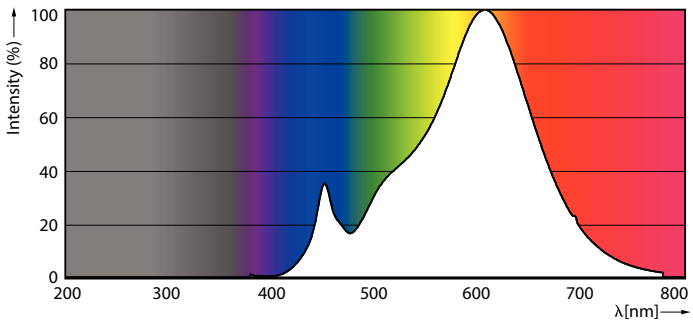


Product	D	C
7MR16/LED/827/F35/DIM 12V 10/1FB	50 mm	46.5 mm

Photometric data



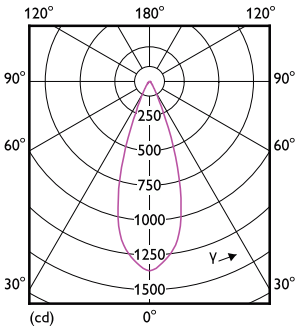
Accent Lighting Spots - 7MR16/LED/827/F35/DIM 12V 10/1FB



Spectral Power Distribution Colour - 7MR16/LED/827/F35/DIM 12V 10/1FB

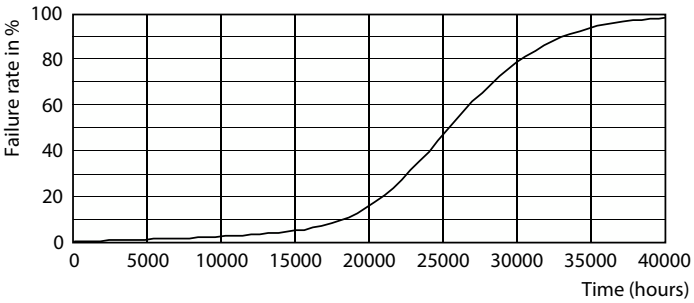
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Photometric data

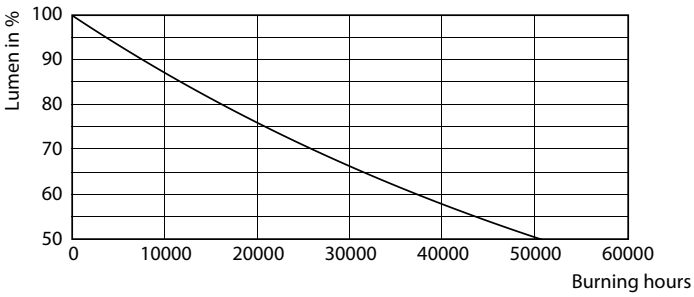


Light Distribution Diagram - 7MR16/LED/827/F35/DIM 12V 10/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 7MR16/LED/827/F35/DIM 12V 10/1FB

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