



LED MR16

7MR16/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		Power Consumption	
Cap-Base	GU5.3 [GU5.3]	Lamp Current (Nom)	7 W
Nominal lifetime	25,000 hour(s)	Wattage Equivalent	650 mA
Switching Cycle	50,000	Starting Time (Nom)	50 W
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.5 s
Light Technical		Voltage (Nom)	0.7
Color Code	830 [CCT of 3000K]	Temperature	
Beam Angle (Nom)	25 degree(s)	T-Case Maximum (Nom)	90 °C
Luminous Flux	515 lm	Controls and Dimming	
Luminous Intensity (Nom)	2,500 cd	Dimmable	Only with specific dimmers
Color Designation	White (WH)	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	73.00 lm/W	Bulb Material	Aluminum
Color Consistency	<4	Bulb Shape	MR16 [2inch/50mm]
Color rendering index (CRI)	80	UL Wet/ damp/ dry location	Damp location
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Operating and Electrical		Suitable For Accent Lighting	Yes
Line Frequency	- Hz		
Input Frequency	- Hz		

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Energy Certifications	Energy Star
T20 compliant	No

Application Conditions

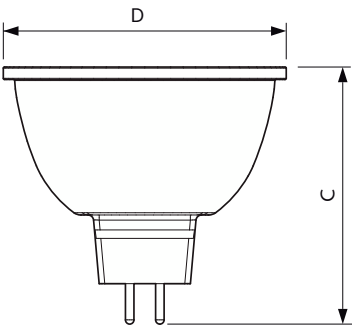
can it be used in closed luminaires	Yes
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Product Data

Order product name	7MR16/LED/830/F25/DIM 12V 10/1FB
Full product name	7MR16/LED/830/F25/DIM 12V 10/1FB

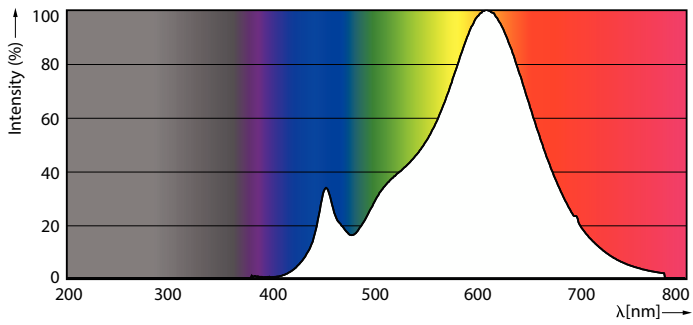
Order code	929003076304
Material Nr. (12NC)	929003076304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573874
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573879

Dimensional drawing

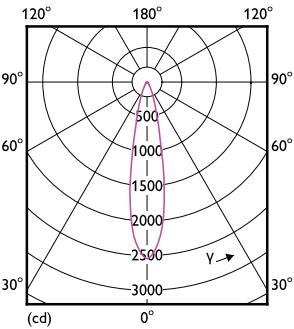


Product	D	C
7MR16/LED/830/F25/DIM 12V 10/1FB	50 mm	46.5 mm

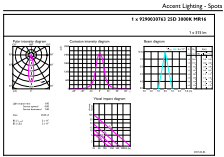
Photometric data



Spectral Power Distribution Colour - 7MR16/LED/830/F25/DIM 12V 10/1FB



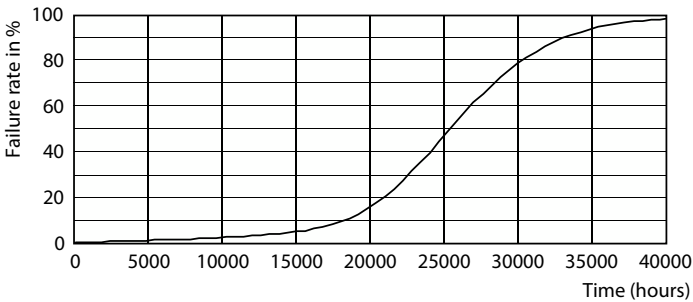
Light Distribution Diagram - 7MR16/LED/830/F25/DIM 12V 10/1FB



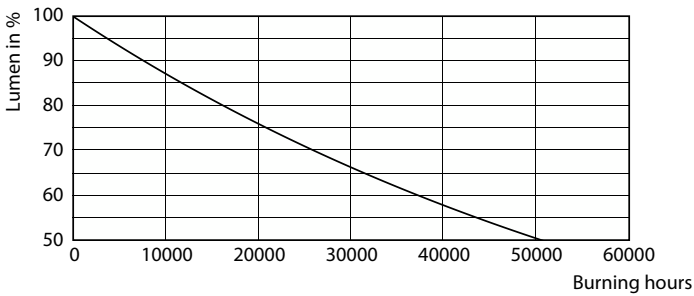
Accent Lighting Spots - 7MR16/LED/830/F25/DIM 12V 10/1FB

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Lifetime



Life Expectancy Diagram - 7MR16/LED/830/F25/DIM 12V 10/1FB



Lumen Maintenance Diagram - 7MR16/LED/830/F25/DIM 12V 10/1FB

