

PHILIPS

7MR16/LED/830/F25/DI
M 12V 10/1FB

929003076304



LEDspot, MR16, dimmable, 50 W, GU5.3, 3000 K, 515 lm, 25000 hour(s), Aluminum

LEDspot, MR16, dimmable, 50 W, GU5.3, 3000 K, 515 lm, 25000 hour(s), Aluminum, 73.00 lm/W

General Information

Cap-Base	GU5.3
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)

Luminous Flux	515 lm
Luminous Intensity (Nom)	2,500 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 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
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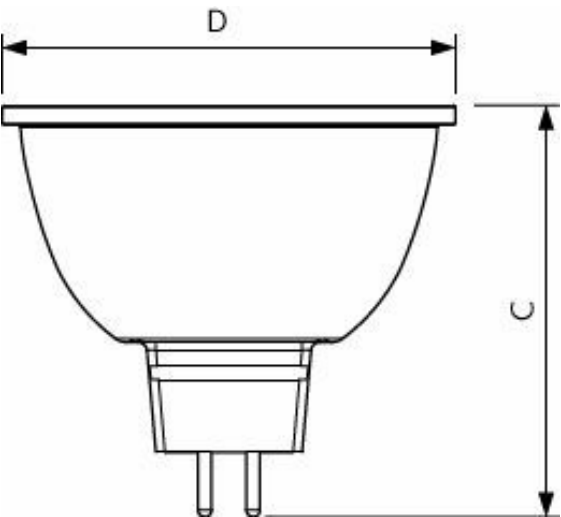
Controls and Dimming

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

Dimensional drawing



Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	No
Ambient temperature range	-20 to +45 °C

Application Conditions

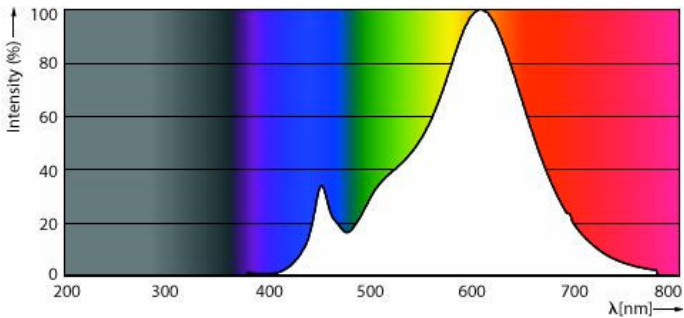
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

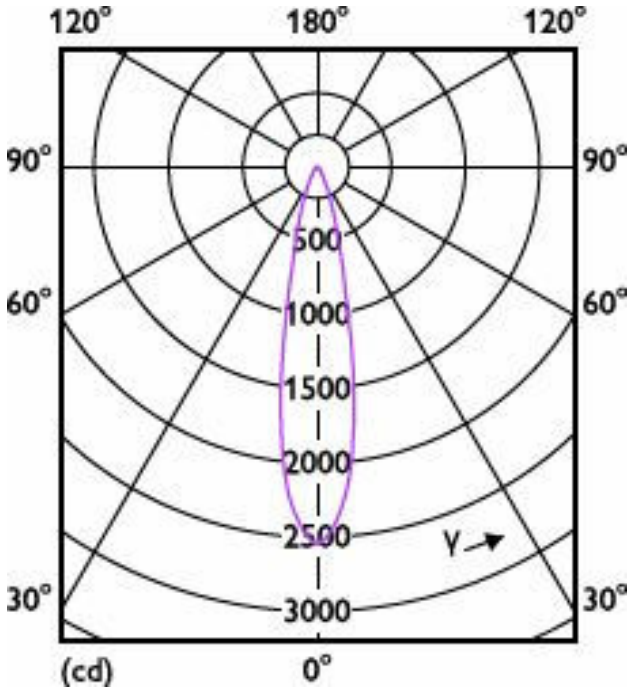
Order product name	7MR16/LED/830/F25/DIM 12V 10/1FB
Full product name	7MR16/LED/830/F25/DIM 12V 10/1FB
Order code	929003076304
Material Nr. (12NC)	929003076304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573874
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573879

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

Photometric data

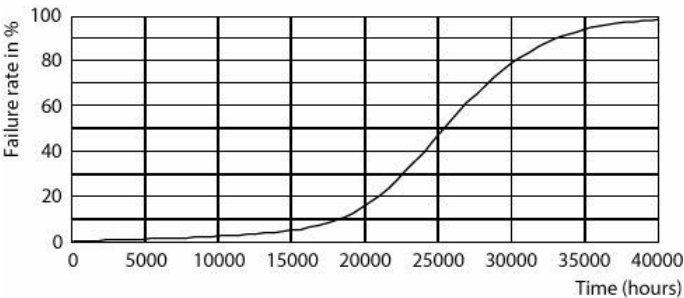


Spectral Power Distribution Colour - 7MR16/LED/830/F25/DIM 12V 10/1FB

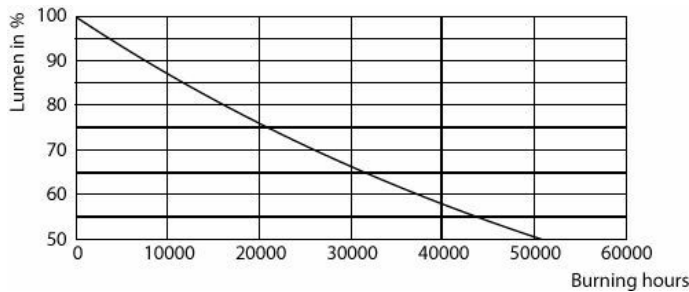


Light Distribution Diagram - 7MR16/LED/830/F25/DIM 12V 10/1FB

Lifetime



Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-MASTER-LEDspot-LV-COMF-7152538-Ref-929003076204-EPD.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	LEDspots_DIM_IC_7W_MR16_GU5,3_830_25D-IES.IES	Download

