



MASTER LED spot LV

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

LEDspot, MR16, 75 W, GU5.3, 3000 K, 620 lm, 25000 hour(s), Aluminum

LEDspot, MR16, 75 W, GU5.3, 3000 K, 620 lm, 25000 hour(s), Aluminum, 77.00 lm/W

Product data

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)	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

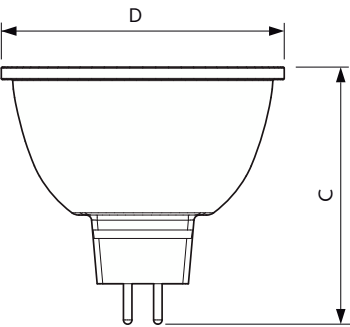
Lamp Current (Nom)	720 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	199 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.132 lb
Approval and Application	
Suitable For Accent Lighting	Yes

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EU RoHS compliant	Yes
T20 compliant	No
Ambient temperature range	-4 to +113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	8MR16/LED/830/F35/DIM 12V 10/1FB

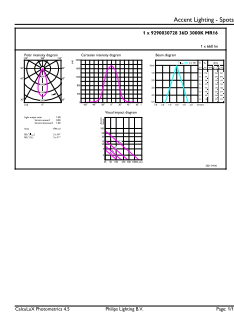
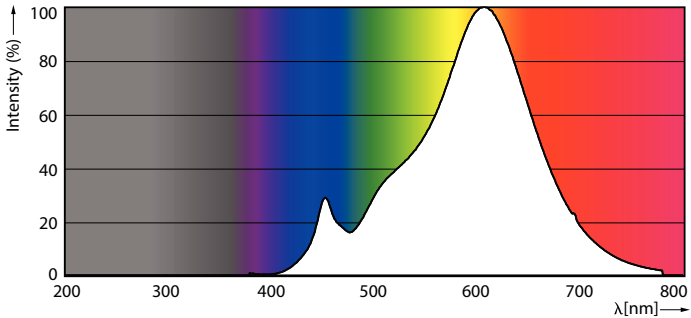
Full product name	8MR16/LED/830/F35/DIM 12V 10/1FB
Order code	573949
Material Nr. (12NC)	929003072804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573942
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573947

Dimensional drawing



Product	D	C
8MR16/LED/830/F35/DIM 12V 10/1FB	2 inch	1-7/8 inch

Photometric data

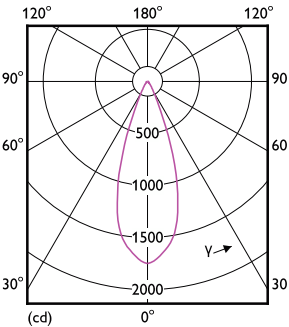


Spectral Power Distribution Colour - 8MR16/LED/830/F35/DIM 12V 10/1FB

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

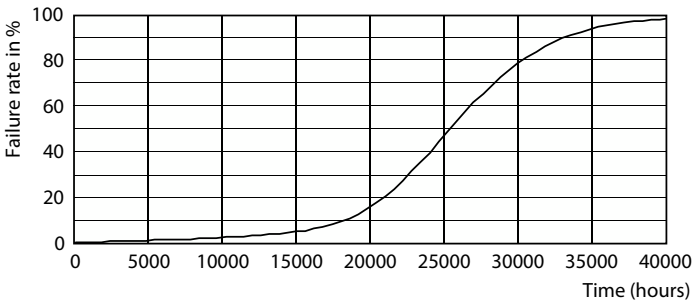
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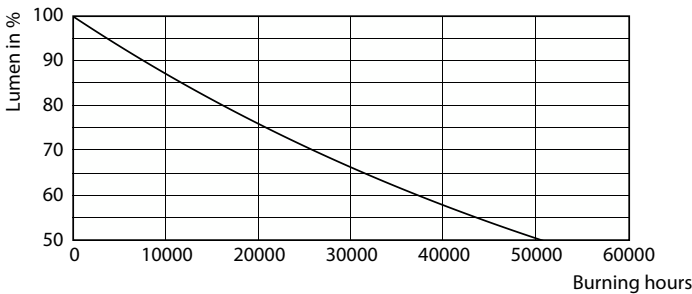


Light Distribution Diagram - 8MR16/LED/830/F35/DIM 12V 10/1FB

Lifetime



Life Expectancy Diagram



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

