



MASTER LED spot ExpertColor LV

7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

LEDspot, MR16, 50 W, GU5.3, 3000 K, 480 lm, 25000 hour(s),
Aluminum

LEDspot, MR16, 50 W, GU5.3, 3000 K, 480 lm, 25000 hour(s), Aluminum, 61.00
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	930 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	2,330 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	61.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.8 W
Lamp Current (Nom)	720 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)	199 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear

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Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.115 lb

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	No
Ambient temperature range	-4 to +113 °F

Application Conditions

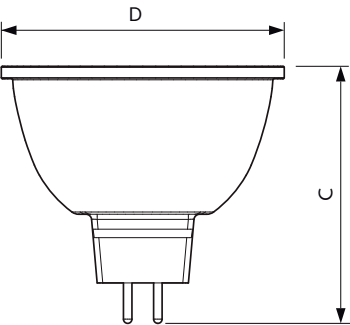
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

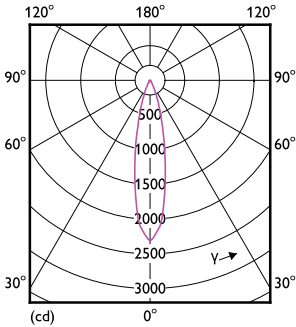
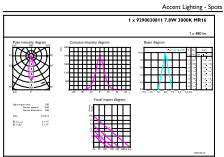
Order product name	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB
Full product name	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB
Order code	573618
Material Nr. (12NC)	929003081104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573614
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573619

Dimensional drawing



Product	D	C
7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	2 inch	1-13/16 inch

Photometric data

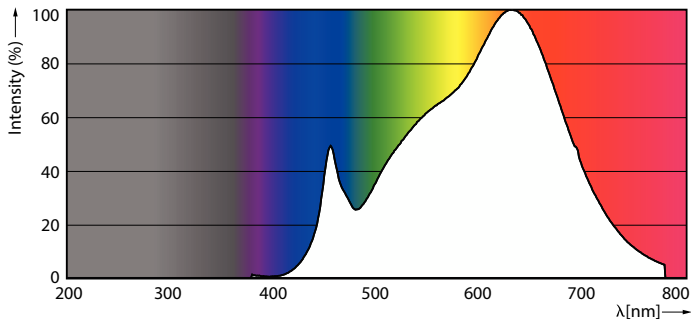


Accent Lighting Spots - 7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

Light Distribution Diagram - 7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

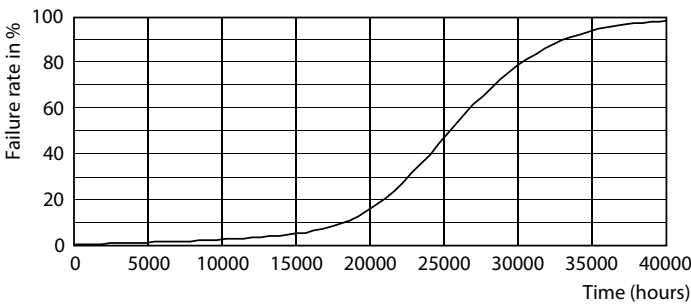
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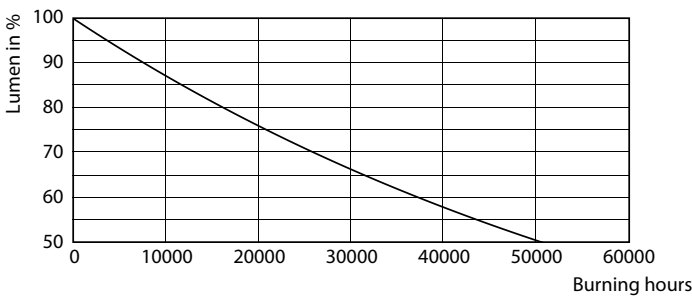


Spectral Power Distribution Colour - 7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB

