



MASTER LED spot ExpertColor LV

7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB

LEDspot, MR16, 35 W, GU5.3, 3000 K, 480 lm, 25000 hour(s),
Aluminum

LEDspot, MR16, 35 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)	10 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	5,300 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

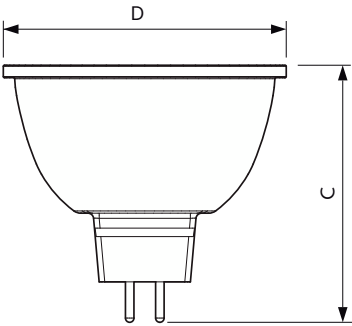
Input Frequency	- Hz
Power Consumption	7.8 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	199 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16
UL Wet/ damp/ dry location	Damp location

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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
Wireless Technology	Not applicable

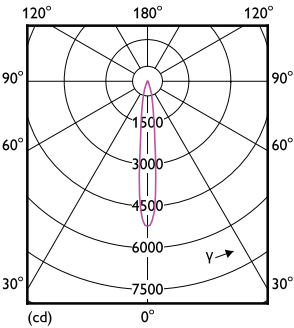
Product Data	
Order product name	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB
Full product name	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB
Order code	573584
Material Nr. (12NC)	929003080804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573584
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573589

Dimensional drawing

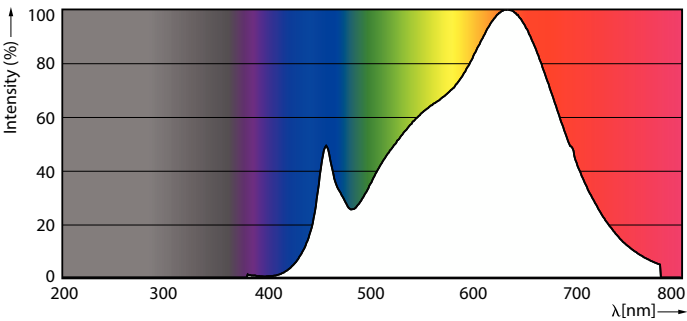


Product	D	C
7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	2 inch	1-13/16 inch

Photometric data



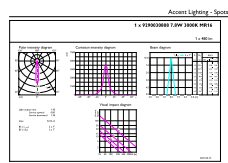
Light Distribution Diagram - 7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB



Spectral Power Distribution Colour - 7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB

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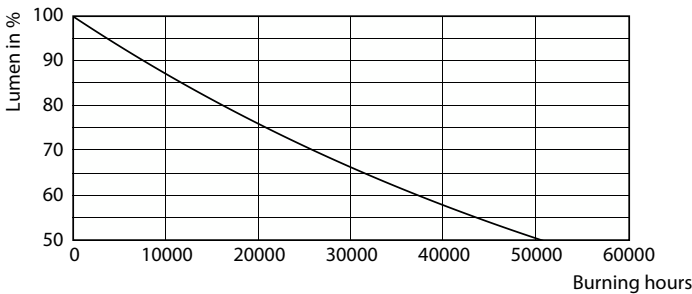
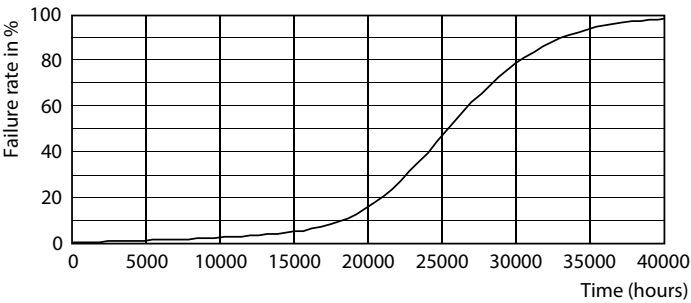
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Accent Lighting Spots - 7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB

