



MASTER LED spot ExpertColor LV

7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB

LEDspot, MR16, 50 W, GU5.3, 2700 K, 480 lm, 25000 hour(s),
Aluminum

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

Product data

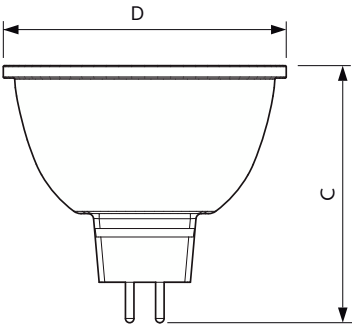
General Information		Color Consistency	
Cap-Base	GU5.3	Color rendering index (CRI)	95
Nominal lifetime	25,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LEDspot	Line Frequency	- Hz
Light Technical		Input Frequency	- Hz
Color Code	927 [CCT of 2700K]	Power Consumption	7.8 W
Beam Angle (Nom)	25 degree(s)	Lamp Current (Nom)	720 mA
Luminous Flux	480 lm	Wattage Equivalent	50 W
Luminous Intensity (Nom)	2,330 cd	Starting Time (Nom)	0.5 s
Color Designation	Warm White (WW)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	2700 K	Power Factor (Fraction)	0.7
Luminous Efficacy (rated) (Nom)	61.00 lm/W		

MASTER LED spot ExpertColor LV

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)	0.115 lb
Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes

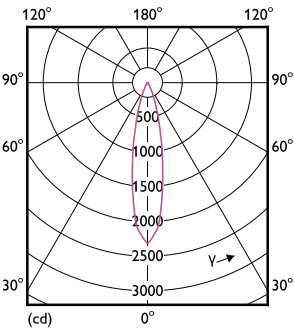
T20 compliant	No
Ambient temperature range	-4 to +113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB
Full product name	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB
Order code	573600
Material Nr. (12NC)	929003081004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573607
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677573602

Dimensional drawing

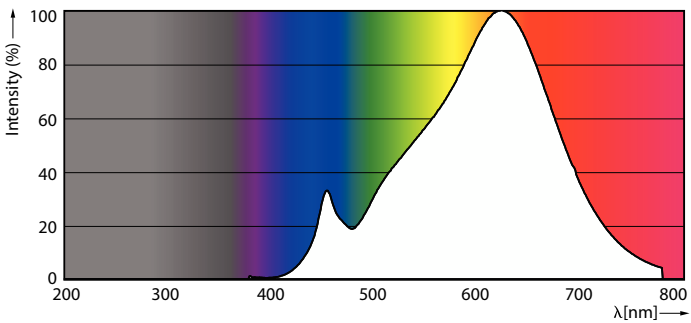


Product	D	C
7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	2 inch	1-13/16 inch

Photometric data



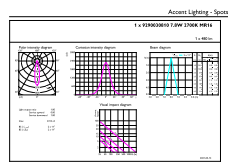
Light Distribution Diagram - 7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB



Spectral Power Distribution Colour - 7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB

MASTER LED spot ExpertColor LV

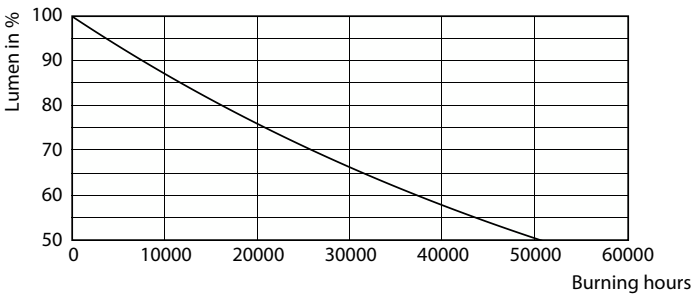
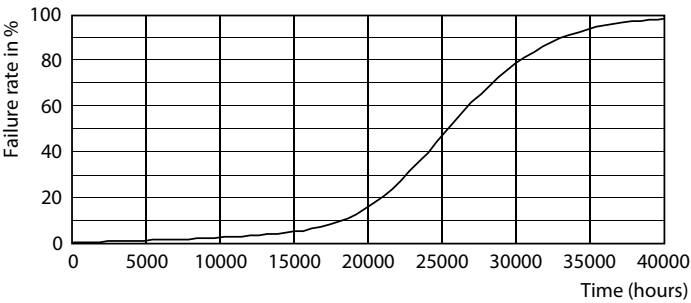
Photometric data



© 2023 Philips Lighting B.V. All rights reserved. Philips Lighting B.V. is a registered trademark of Koninklijke Philips N.V.

Accent Lighting Spots - 7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB

