

MASTER LEDspot LV

MASTER LED 7-50W 927 MR16 15D Dim

Delivering intense accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot lighting. MASTER LEDspot LV is designed to replace halogen or incandescent spots. It realizes natural colors, enables cozy and comfortable ambience for residential, hospitality and emphasizes the beauty of merchandise in retail. New smaller housing provides perfect fitting with majority of luminaires in a market with a MR16 GU 5.3 holder. It not only employs Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intensity which is equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. Its high SDCM ensure stricter color consistency, that is maintained over product life. MASTER LEDspot LV delivers huge energy savings and minimizes maintenance cost without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within short period time.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	927
Beam Angle (Nom)	15 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	2,800 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	57.14 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	400 lm

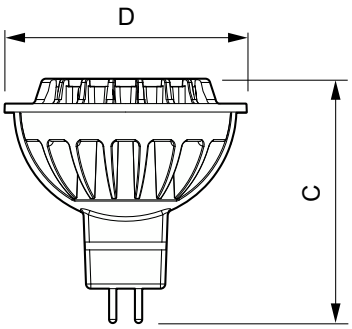
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s

MASTER LEDspot LV

Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

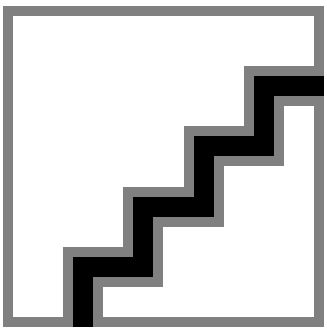
Energy Consumption kWh/1000 h	8 kWh
Product Data	
Order product name	MASTER LED 7-50W 927 MR16 15D Dim
Full product name	MASTER LED 7-50W 927 MR16 15D Dim
Full product code	871869667370600
Order code	929001152538
Material Nr. (12NC)	929001152538
Local order code	AF7WMR16WW15D
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696673706
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696673713

Dimensional drawing

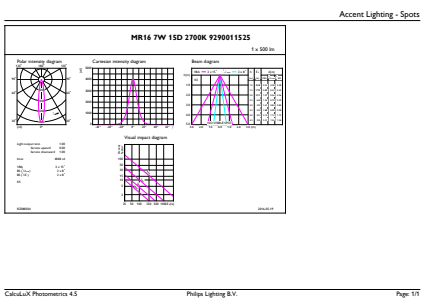


Product	D	C
MASTER LED 7-50W 927 MR16 15D Dim	51 mm	51 mm

Photometric data



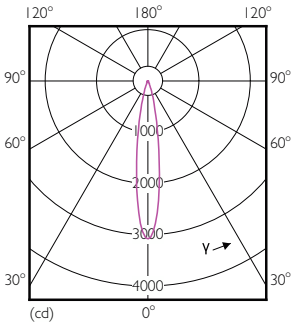
Spectral Power Distribution Colour - MASTER LED 7-50W 927 MR16 15D Dim



General uniform lighting - MASTER LED 7-50W 927 MR16 15D Dim

MASTER LEDspot LV

Photometric data



Light Distribution Diagram - MASTER LED 7-50W 927 MR16 15D Dim

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.