

MASTER VALUE LEDs pot LV

MASTER LED 7-50W 830 MR16 36D Dim

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

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	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	440 lm
Luminous Intensity (Nom)	1,200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	57.86 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %

MASTER VALUE LEDspot LV

Luminous Flux in 90° Cone (Rated)	405 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
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]

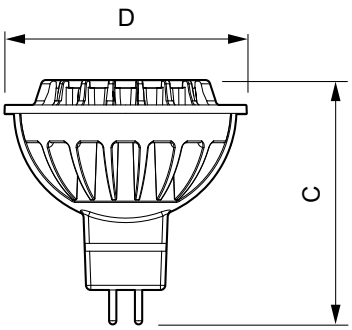
Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh

Product Data

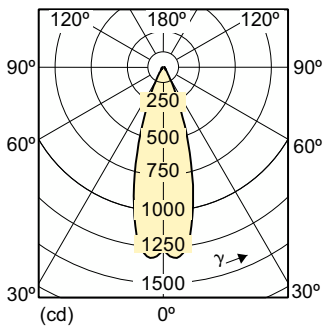
Order product name	MASTER LED 7-50W 830 MR16 36D Dim
Full product name	MASTER LED 7-50W 830 MR16 36D Dim
Full product code	871869648965900
Order code	929001153208
Material Nr. (12NC)	929001153208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489659
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489666

Dimensional drawing

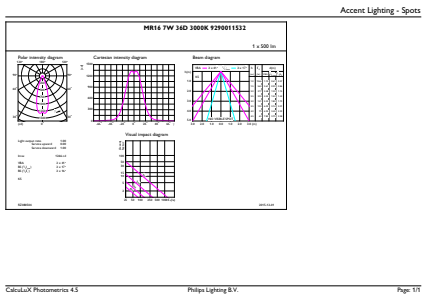


Product	D	C
MASTER LED 7-50W 830 MR16 36D Dim	51 mm	51 mm

Photometric data



Light Distribution Diagram - MASTER LED 7-50W 830 MR16 36D Dim



General uniform lighting - MASTER LED 7-50W 830 MR16 36D Dim

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MASTER LED 7-50W 830 MR16 36D 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.