



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D 8-50W 840 MR16 36D

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

- \cdot 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)
- $\boldsymbol{\cdot}$ Not intended for use with emergency light fixtures or exit lights

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]

Beam Angle (Nom)	36 degree(s)
Luminous Flux	630 lm
Luminous Intensity (Nom)	1,350 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	78.75 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom) 70 %	

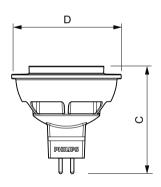
Datasheet, 2023, April 29 data subject to change

MASTER VALUE LEDspot LV

Luminous Flux in 90° Cone (Rated)	630 lm
Operating and Electrical	
Power Consumption	8 W
Lamp Current (Nom)	1,000 mA
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)	75 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

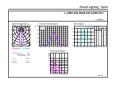
Approval and Application		
Energy Saving Product	Yes	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	9 kWh	
Product Data		
Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 36E	
Full product name	MASTER LEDspotLV VLE D 8-50W 840 MR16	
	36D	
Full product code	871869657211500	
Order code	57211500	
Material Nr. (12NC)	929001241702	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696572115	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696572122	

Dimensional drawing



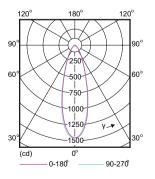
Product	D	С
MAS LEDspotLV VLE D 8-50W 840 MR16 36D	50 mm	50 mm

Photometric data



Calculuit Photometrics 43 Philips Lighting B.V. Page 1

General uniform lighting - MAS LEDspotLV VLE D 8-50W 840 MR16 36D



Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 840 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 840 MR16 36D



© 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.