PHILIPS Lighting



A ↑ G

MASTER VALUE LEDspot MV

MAS LED spot VLE D 680lm GU10 965 120D

Delivering a warm, halogen-like accent beam, MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it realizes more natural colors, creating cozy and comfortable ambiences for residential and hospitality projects, and emphasizing the beauty of merchandise in retail. These LED spots MV GU10 have the familiar look and feel of spot lamps, keeping the classic beauty of glass spots and adding the strong performance of LED technology. The dimming function enables you to create the atmosphere you desire, and it works with broad selection of dimmers. MASTER VALUE also offers more energy savings that normal LED spots.

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)
- Not intended for use with emergency light fixtures or exit lights

Product data

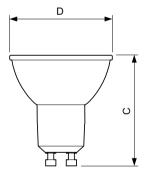
General Information		Luminous Intensity (Nom)	200 cd
Cap-Base	GU10	Color Designation	6500 Kelvin
Nominal lifetime	25,000 hour(s)	Correlated Color Temperature (Nom)	6500 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	109.00 lm/W
Lighting Technology	LED	Color Consistency	<6
Flux measurement reference	Sphere	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Photobiological safety according to EN 62471	RG1
Color Code	6500		
Beam Angle (Nom)	120 degree(s)	Operating and Electrical	
Luminous Flux	680 lm	Line Frequency	50 to 60 Hz

MASTER VALUE LEDspot MV

Input Frequency	50 to 60 Hz	
Power Consumption	6.2 W	
Lamp Current (Nom)	33 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.88	
Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	80 °C	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Shape	PAR16	
Net Weight (Piece)	0.038 kg	
Approval and Application		
Energy Efficiency Class	F	
Suitable For Accent Lighting	No	
Energy Consumption kWh/1000 h	7 kWh	
EPREL Registration Number	391919	

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 680lm GU10 965
	120D
Full product name	MAS LED spot VLE D 680lm GU10 965
	120D
Full product code	871869970613500
Order code	929002210202
Material Nr. (12NC)	929002210202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699706135
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699706579

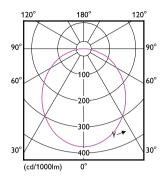
Dimensional drawing

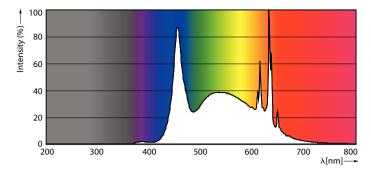


Product	D	с
MAS LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm

MASTER VALUE LEDspot MV

Photometric data





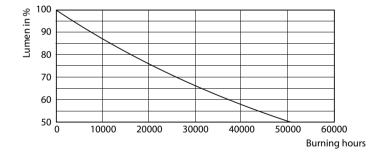
Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 965 120D

	1 + 926	0013103 Ga10 45006
		1 x 680 in
hirinniy figar	Duartier ratination diagram USH-diag	
TATA L	Total State	an Re-
V S S V		- 5 - 1
TXXI		1.00000
		ett.
	Utination fector ratio	
Manager State	Minute 20 Kind of All All All All All All All All All Al	
Show whene		
		222222
	E-6-4	

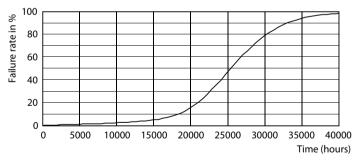
Accent Lighting Spots - MAS LED spot VLE D 680lm GU10 965 120D

Light Distribution Diagram - MAS LED spot VLE D 680lm GU10 965 120D

Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 680lm GU10 965 120D



25K LED

MASTER VALUE LEDspot MV



© 2025 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.

www.lighting.philips.com 2025, March 17 - data subject to change