





## MASTER LED spot VLE D 2.8-35W GU10 927 36D

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells. MASTER LEDspot MV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. 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)
- $\boldsymbol{\cdot}$  Not intended for use with emergency light fixtures or exit lights

#### **Product data**

General Information	
Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Warranty period	5 years
Warranty period	5 years

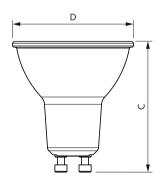
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	270 lm
Luminous Intensity (Nom)	600 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Color Consistency	<6

Datasheet, 2025, March 17 data subject to change

Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	270 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	2.8 W
Lamp Current (Nom)	21 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.55
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.041 kg
Approval and Application	
Energy Efficiency Class	Е

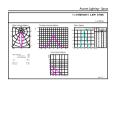
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	2150466
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 2.8-35W GU10
	927 36D
Full product name	MASTER LED spot VLE D 2.8-35W
	GU10 927 36D
Full product code	872016939912900
Order code	39912900
Material Nr. (12NC)	929004247302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169399129
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169399136

## Dimensional drawing



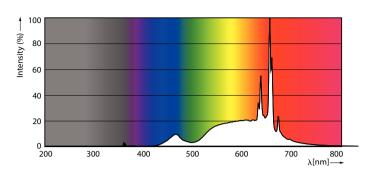
Product	D	С
MAS LED spot VLE D 2.8-35W GU10 927 36D	50 mm	54 mm

## Photometric data

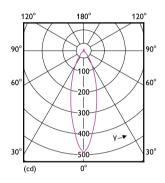


Calculus Pharametrics 4.5 Philips Lighting B.V. Page: 1

Accent Lighting Spots - MAS LED spot VLE D 2.8-35W GU10 927 36D

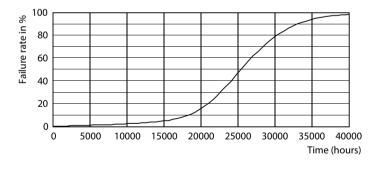


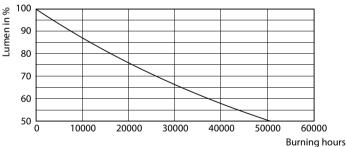
Spectral Power Distribution Colour - MAS LED spot VLE D 2.8-35W GU10 927 36D



Light Distribution Diagram - MAS LED spot VLE D 2.8-35W GU10 927 36D

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LED spot VLE D 2.8-35W GU10 927 36D



© 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.