



MASTER VALUE LED spot MV



MAS LED spot VLEDT3.7-50W GU10 927 36DUK

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 ambiances 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

- 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	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Color Code	922-927 [CCT of 2200K-2700K]
Beam Angle (Nom)	36 degree(s)

Luminous Flux	355 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Warm Glow(WG)
Correlated Color Temperature (Nom)	2200 2700 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lm
Photobiological safety according to EN 62471	RG1

MASTER VALUE LED spot MV

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	3.7 W
Lamp Current (Nom)	26 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	60 °C
----------------------	-------

Controls and Dimming

Dimmable	Only with specific dimmers
----------	----------------------------

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.043 kg

Approval and Application

Energy Efficiency Class	E
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh

EPREL Registration Number	2150476
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

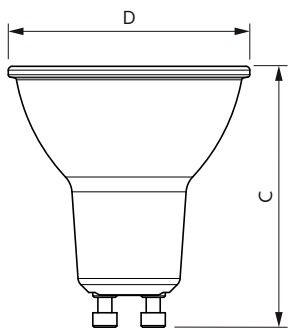
Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

Product Data

Order product name	MAS LED spot VLEDT3.7-50W GU10 927 36DUK
Full product name	MAS LED spot VLEDT3.7-50W GU10 927 36DUK
Full product code	872016939926600
Order code	929004247299
Material Nr. (12NC)	929004247299
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169399266
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169399273

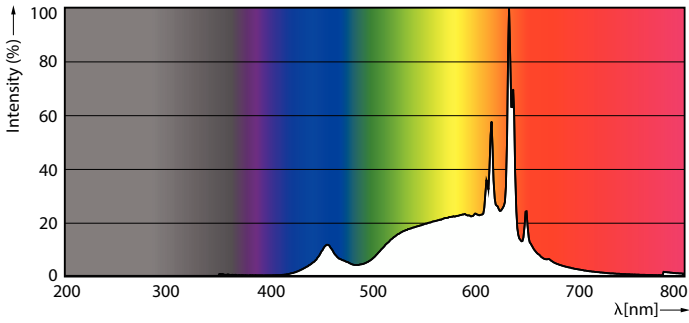
Dimensional drawing



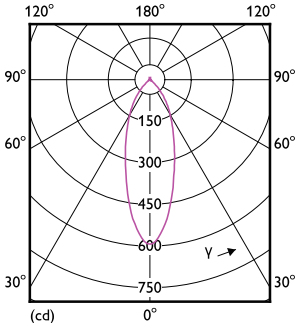
Product	D	C
MAS LED spot VLEDT3.7-50W GU10 927 36DUK	50 mm	54 mm

MASTER VALUE LED spot MV

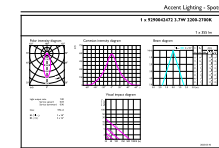
Photometric data



Spectral Power Distribution Colour - MAS LED spot VLEDT3.7-50W GU10 927 36DUK



Light Distribution Diagram - MAS LED spot VLEDT3.7-50W GU10 927 36DUK

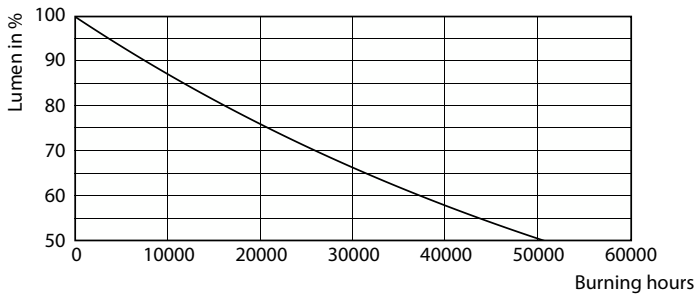


Accent Lighting Spots - MAS LED spot VLEDT3.7-50W GU10 927 36DUK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLEDT3.7-50W GU10 927 36DUK

MASTER VALUE LED spot MV

