



# MASTER VALUE LED spot MV

## MAS LED spot VLE D 3.7-50W GU10 940 36D

MASTER Value, LEDspot, PAR16, 50 W, GU10, 4000 K, 380 lm, CRI 90, 25000 hour(s), Glass

MASTER Value, LEDspot, PAR16, 50 W, GU10, 4000 K, 380 lm, CRI 90, 25000 hour(s), Glass, 102 lm/W, EEL E, PF 0.6, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

### 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		Light Technical	
Cap-Base	GU10	Luminous Intensity (Nom)	800 cd
Nominal lifetime	25,000 hour(s)	Color Designation	Cool White (CW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LEDspot	Luminous Efficacy (rated) (Nom)	102 lm/W
Flux measurement reference	Narrow Cone	Color Consistency	<6
Warranty period	5 years	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	380 lm
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	36 degree(s)		
Luminous Flux	380 lm		

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Power Consumption	3.7 W
Lamp Current (Nom)	27 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)	66 °C
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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.041 kg

## Approval and Application

Energy Efficiency Class	E
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	2150467
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

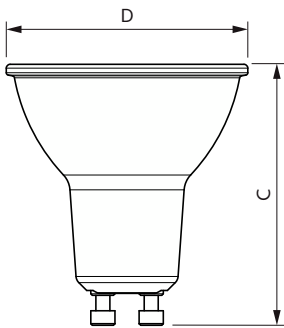
## Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

## Product Data

Order product name	MAS LED spot VLE D 3.7-50W GU10 940 36D
Full product name	MAS LED spot VLE D 3.7-50W GU10 940 36D
Full product code	872016939946400
Order code	929004248102
Material Nr. (12NC)	929004248102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169399464
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169399471

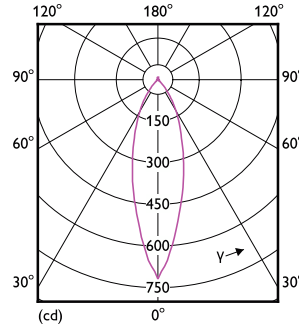
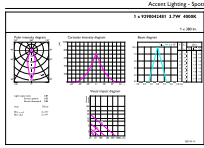
## Dimensional drawing



Product	D	C
MAS LED spot VLE D 3.7-50W GU10 940 36D	50 mm	54 mm

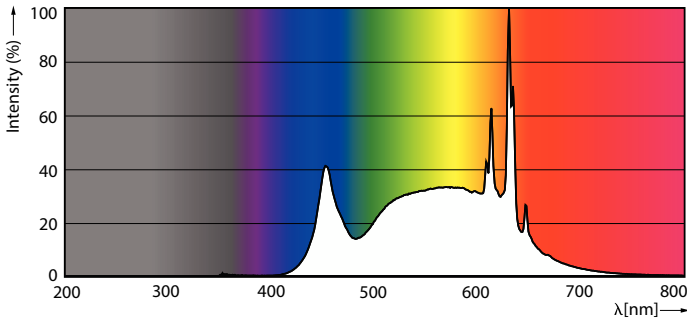
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## Photometric data



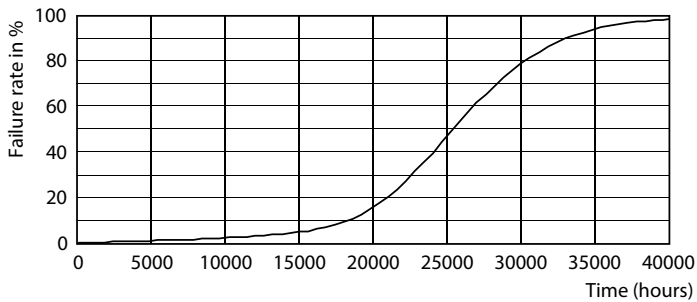
Accent Lighting Spots - MAS LED spot VLE D 3.7-50W GU10 940 36D

Light Distribution Diagram - MAS LED spot VLE D 3.7-50W GU10 940 36D

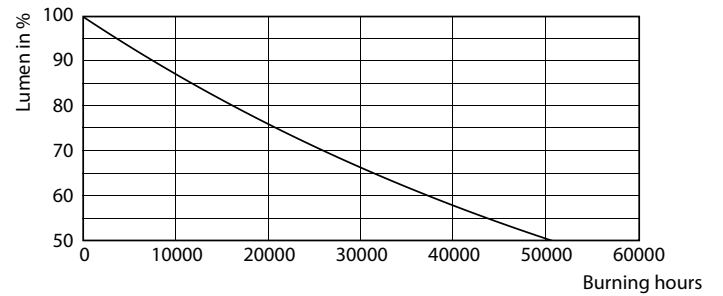


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-50W GU10 940 36D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-50W GU10 940 36D

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