



# MASTER VALUE LED spot MV

## MAS LED spot VLE D 6.2-80W GU10 940 36D

MASTER Value, LEDspot, PAR16, 80 W, GU10, 4000 K, 575 lm, CRI 90, 25000 hour(s)

MASTER Value, LEDspot, PAR16, 80 W, GU10, 4000 K, 575 lm, CRI 90, 25000 hour(s), 92.00 lm/W, EEL F, PF 0.88, 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		Luminous Intensity (Nom)	
Cap-Base	GU10		850 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)	92.00 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)	575 lm
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	36 degree(s)		
Luminous Flux	575 lm		

## MASTER VALUE LED spot MV

Input Frequency	50 to 60 Hz
Power Consumption	6.2 W
Lamp Current (Nom)	33 mA
Wattage Equivalent	80 W
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	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	391908
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

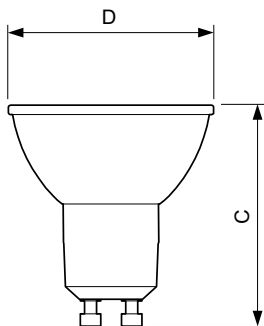
### Application Conditions

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

### Product Data

Order product name	MAS LED spot VLE D 6.2-80W GU10 940 36D
Full product name	MAS LED spot VLE D 6.2-80W GU10 940 36D
Full product code	871869970523700
Order code	929002066002
Material Nr. (12NC)	929002066002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699705237
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696708002

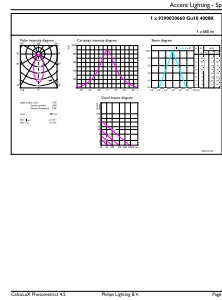
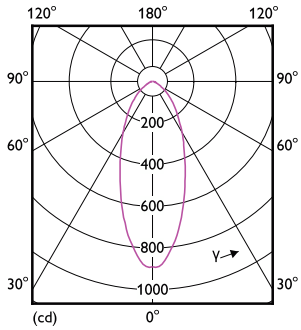
## Dimensional drawing



Product	D	C
MAS LED spot VLE D 6.2-80W GU10 940 36D	50 mm	54 mm

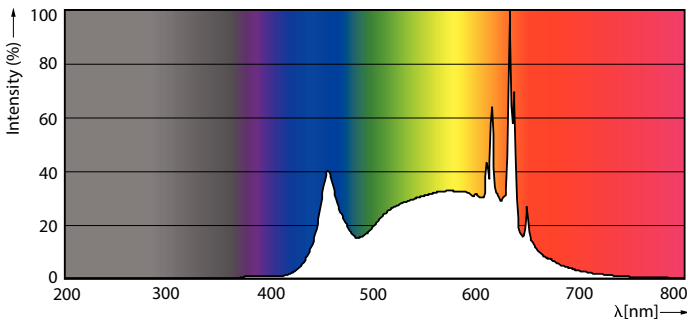
# MASTER VALUE LED spot MV

## Photometric data



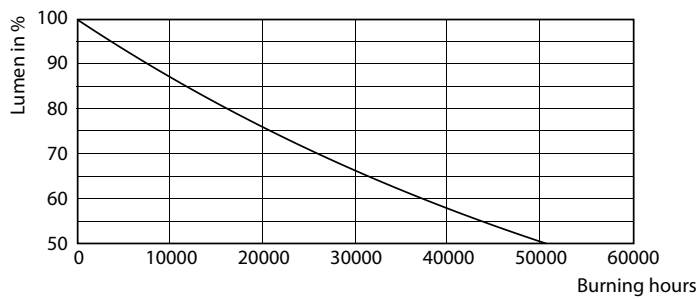
Light Distribution Diagram - MAS LED spot VLE D 6.2-80W GU10 940 36D

Accent Lighting Spots - MAS LED spot VLE D 6.2-80W GU10 940 36D

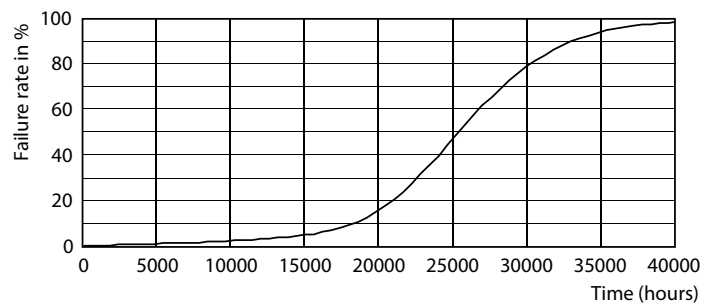


Spectral Power Distribution Colour - MAS LED spot VLE D 6.2-80W GU10 940 36D

## Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 6.2-80W GU10 940 36D



25K LED

## MASTER VALUE LED spot MV

