



MASTER VALUE LED spot MV



MAS LED spot VLE D 2.8-35W GU10 940 36D

MASTER Value, LEDspot, PAR16, 35 W, GU10, 4000 K, 285 lm, CRI 90, 25000 hour(s), Glass

MASTER Value, LEDspot, PAR16, 35 W, GU10, 4000 K, 285 lm, CRI 90, 25000 hour(s), Glass, 101 lm/W, EEL E, PF 0.55, 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	
Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	285 lm

Luminous Intensity (Nom)	600 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	285 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Frequency	50 to 60 Hz

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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
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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	3 kWh
EPREL Registration Number	2150473
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

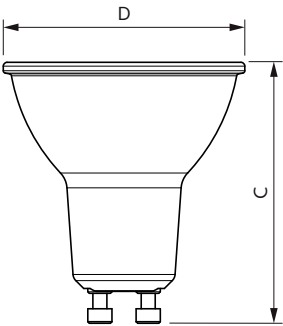
Application Conditions

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

Product Data

Order product name	MAS LED spot VLE D 2.8-35W GU10 940 36D
Full product name	MAS LED spot VLE D 2.8-35W GU10 940 36D
Full product code	872016939930300
Order code	929004247502
Material Nr. (12NC)	929004247502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169399303
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169399310

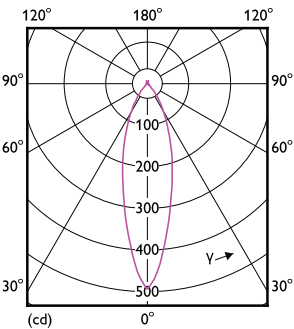
Dimensional drawing



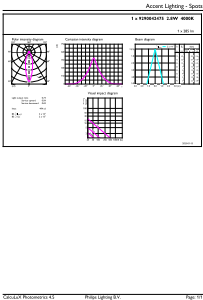
Product	D	C
MAS LED spot VLE D 2.8-35W GU10 940 36D	50 mm	54 mm

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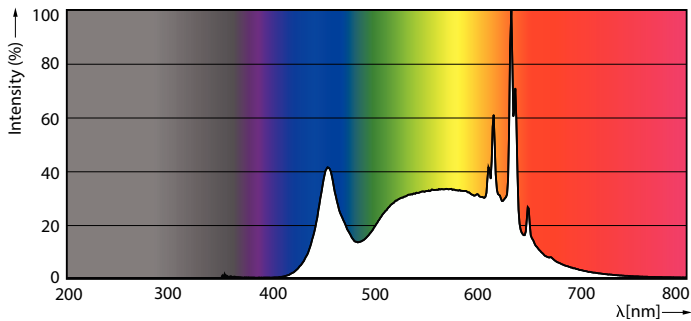
Photometric data



Light Distribution Diagram - MAS LED spot VLE D 2.8-35W GU10 940 36D

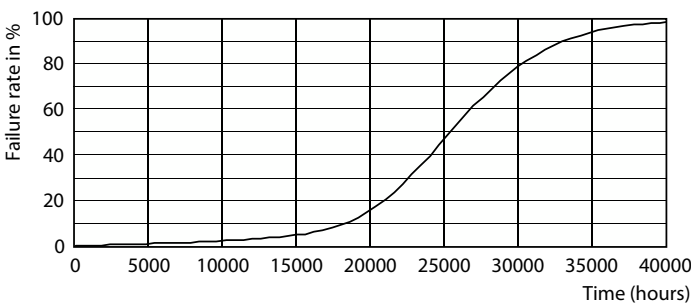


Accent Lighting Spots - MAS LED spot VLE D 2.8-35W GU10 940 36D

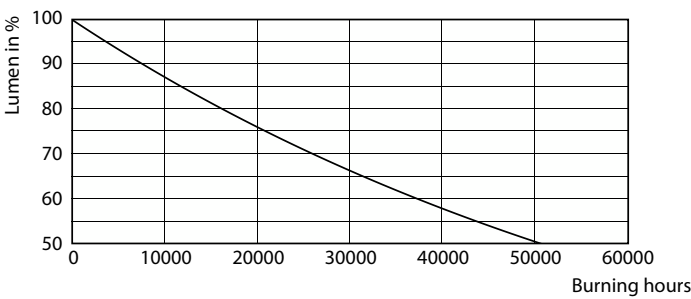


Spectral Power Distribution Colour - MAS LED spot VLE D 2.8-35W GU10 940 36D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 2.8-35W GU10 940 36D

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