



MASTER VALUE LED spot LV



MAS LED spot VLE D 5.8-35W MR16 940 60D

MASTER Value, LEDspot, MR16, 35 W, GU5.3, 4000 K, 490 lm, CRI 90, 25000 hour(s), Glass

MASTER Value, LEDspot, MR16, 35 W, GU5.3, 4000 K, 490 lm, CRI 90, 25000 hour(s), Glass, 84.00 lm/W, EEL F, PF 0.7, Beam angle 60 degree(s), RG1, IP20

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	GU5.3
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)	60 degree(s)
Luminous Flux	490 lm
Luminous Intensity (Nom)	550 cd

Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	84.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	490 lm
Photobiological safety according to EN 62471 RG1	

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	5.8 W

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Lamp Current (Nom)	510 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V

Temperature

T-Case Maximum (Nom)	85 °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	MR16
Net Weight (Piece)	0.045 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	453178

CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

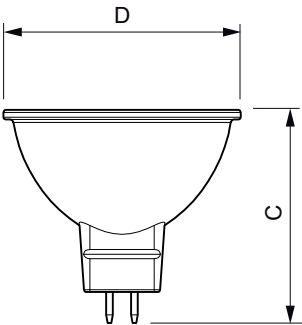
Application Conditions

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

Product Data

Order product name	MAS LED spot VLE D 5.8-35W MR16 940 60D
Full product name	MAS LED spot VLE D 5.8-35W MR16 940 60D
Full product code	871951430728500
Order code	929002493002
Material Nr. (12NC)	929002493002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514307285
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514307292

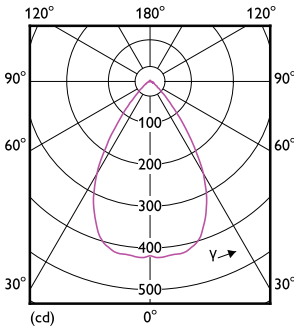
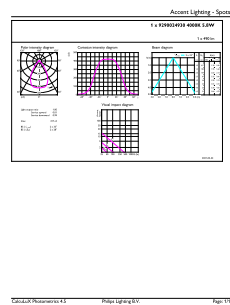
Dimensional drawing



Product	D	C
MAS LED spot VLE D 5.8-35W MR16 940 60D	50.5 mm	45.5 mm

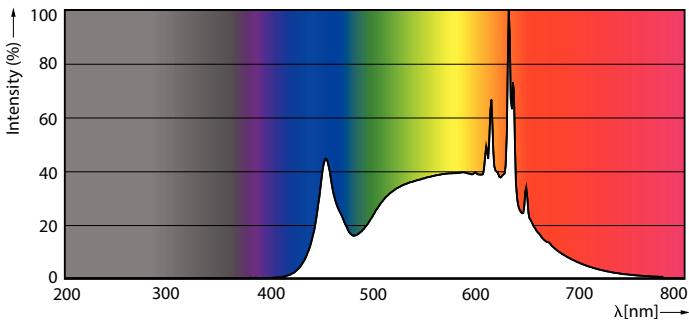
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Photometric data



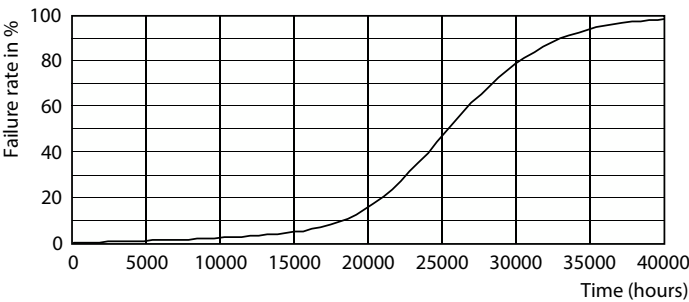
Accent Lighting Spots - MAS LED spot VLE D 5.8-35W MR16 940 60D

Light Distribution Diagram - MAS LED spot VLE D 5.8-35W MR16 940 60D

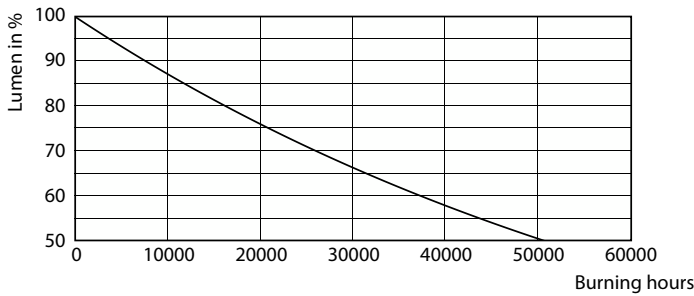


Spectral Power Distribution Colour - MAS LED spot VLE D 5.8-35W MR16 940 60D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 5.8-35W MR16 940 60D

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