



MASTER VALUE LEDspot MV



MASTER LED spot VLE D 3.7-50W GU10 940 60D

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells. MASTER LEDspot MV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

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	25,000
Lighting Technology	LED
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	370 lm
Luminous Intensity (Nom)	420 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6

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Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	370 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Input Frequency	50 to 60 Hz
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)	62 °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
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Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	2150479
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

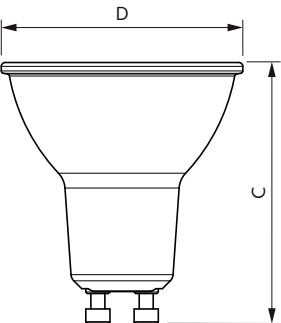
Application Conditions

can it be used in closed luminaires	No
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Product Data

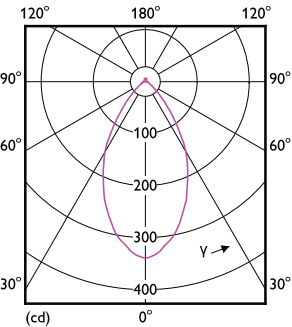
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Full product name	MASTER LED spot VLE D 3.7-50W GU10 940 60D
Full product code	872016939938900
Order code	39938900
Material Nr. (12NC)	929004248402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169399389
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169399396

Dimensional drawing

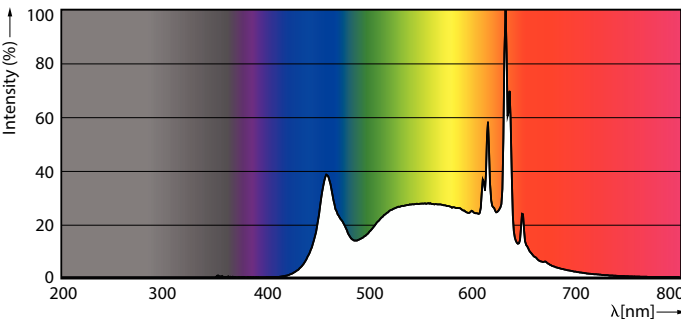


Product	D	C
MAS LED spot VLE D 3.7-50W GU10 940 60D	50 mm	54 mm

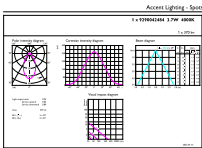
Photometric data



Light Distribution Diagram - MAS LED spot VLE D 3.7-50W GU10 940 60D



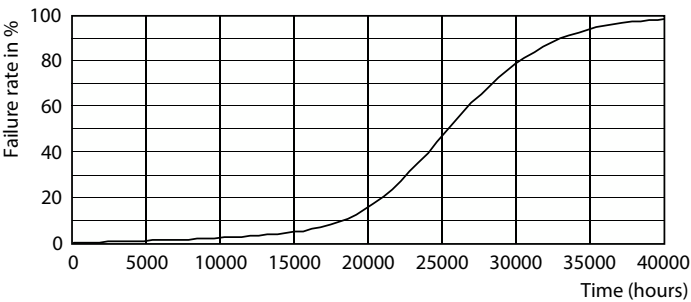
Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-50W GU10 940 60D



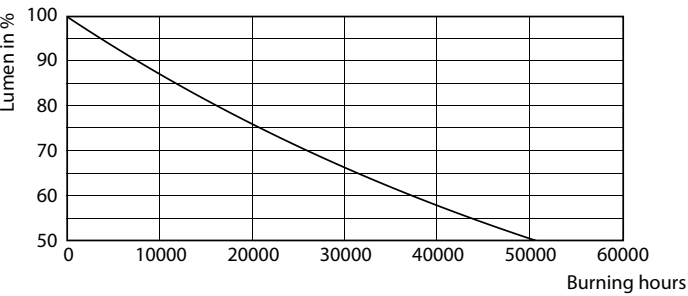
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Accent Lighting Spots - MAS LED spot VLE D 3.7-50W GU10 940 60D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-50W GU10 940 60D

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