



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 680lm GU10 865 120D

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 [GU10]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]

Beam Angle (Nom)	120 degree(s)
Luminous Flux	680 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	97.14 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

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Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7 W
Lamp Current (Nom)	35 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	85 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]
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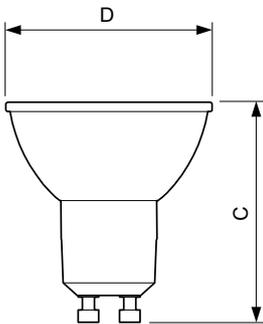
Approval and Application

Energy Consumption kWh/1000 h	7 kWh
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Product Data

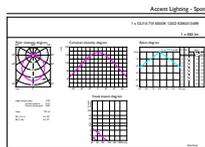
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Full product name	MASTER LED spot VLE D 680lm GU10 865 120D
Full product code	871869672435400
Order code	72435400
Material Nr. (12NC)	929001349902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696724354
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696724361

Dimensional drawing

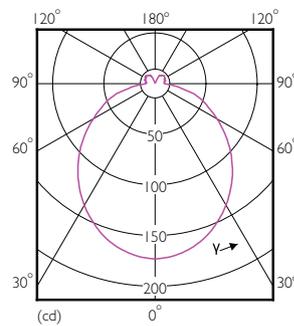


Product	D	C
MAS LED spot VLE D 680lm GU10 865 120D	50 mm	54 mm

Photometric data



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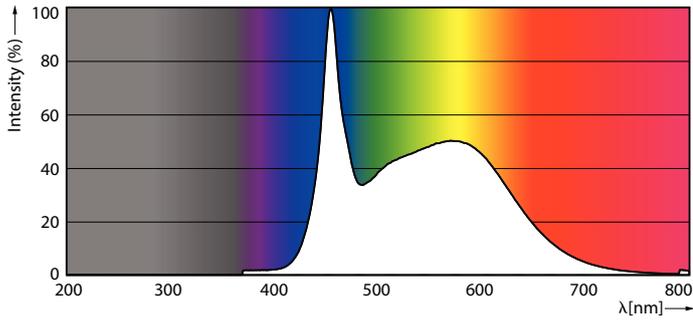


Light Distribution Diagram - MAS LED spot VLE D 680lm GU10 865 120D

Accent Lighting Spots - MAS LED spot VLE D 680lm GU10 865 120D

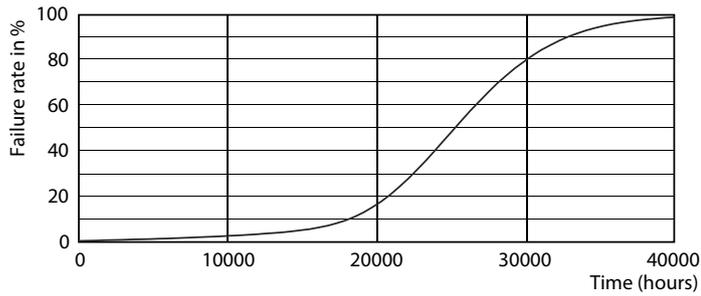
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Photometric data

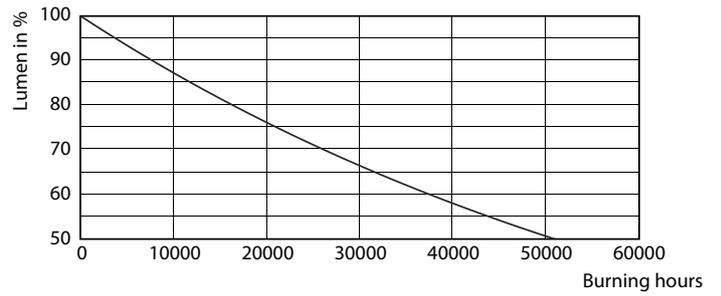


Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 865 120D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 680lm GU10 865 120D



Lumen Maintenance Diagram - MAS LED spot VLE D 680lm GU10 865 120D

