



# MASTER VALUE LEDspot MV

## MASTER LED spot VLE D 650lm GU10 830 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

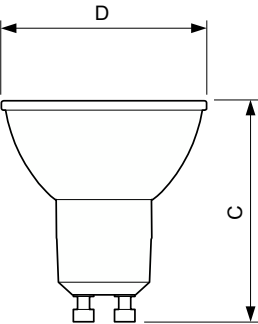
### Product data

General Information			
Cap-Base	GU10 [GU10]	Beam Angle (Nom)	120 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	650 lm
Switching Cycle	50,000	Color Designation	White (WH)
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	92.86 lm/W
		Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical			
Color Code	830 [CCT of 3000K]		

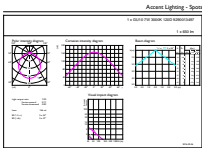
MASTER VALUE LEDspot MV

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
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]

Dimensional drawing

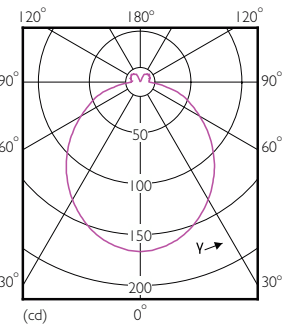


Photometric data



Approval and Application	
Energy Consumption kWh/1000 h	7 kWh
Product Data	
Order product name	MAS LED spot VLE D 650lm GU10 830 120D
Full product name	MASTER LED spot VLE D 650lm GU10 830 120D
Full product code	871869672431600
Order code	72431600
Material Nr. (12NC)	929001349702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696724316
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696724323

Product	D	C
MAS LED spot VLE D 650lm GU10 830 120D	50 mm	54 mm

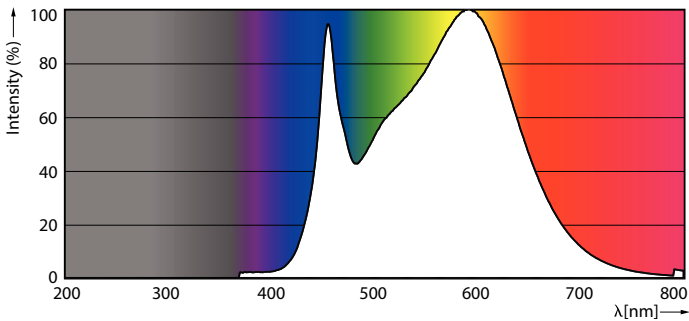


Accent Lighting Spots - MAS LED spot VLE D 650lm GU10 830 120D

Light Distribution Diagram - MAS LED spot VLE D 650lm GU10 830 120D

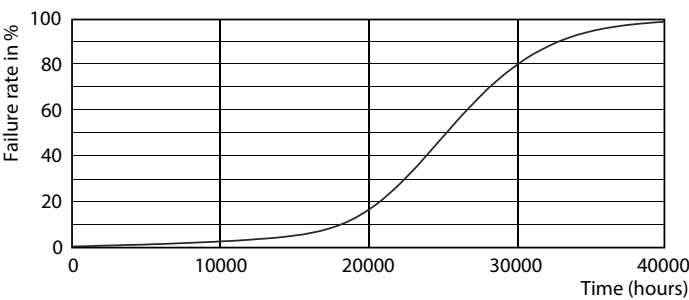
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## Photometric data

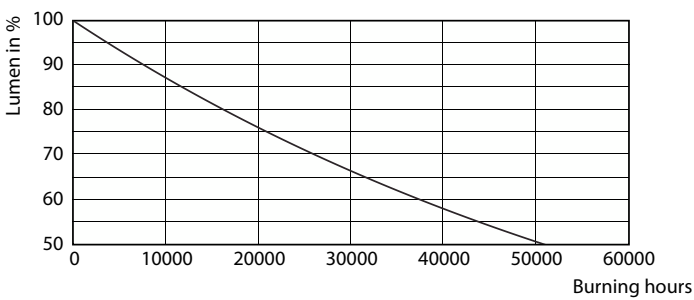


Spectral Power Distribution Colour - MAS LED spot VLE D 650lm GU10 830 120D

## Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 650lm GU10 830 120D



Lumen Maintenance Diagram - MAS LED spot VLE D 650lm GU10 830 120D

