MASTER VALUE LEDspot MV

MAS LED spot VLE D 4.9-50W GU10 940 36D

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
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	380 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	85.71 lm/W
Color Consistency	<6

MASTER VALUE LEDspot MV

Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	380 lm
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 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)	0.8
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	80 °C

Controls and Dimming

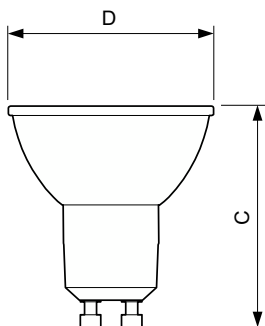|	
Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391889
EyeComfort	Yes

Product Data

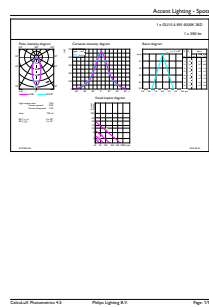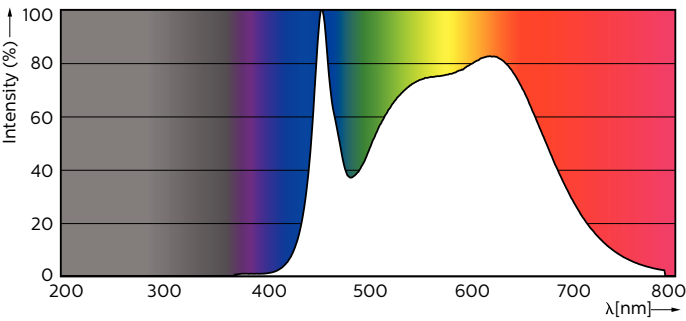|	
Order product name	MAS LED spot VLE D 4.9-50W GU10 940 36D
Full product name	MAS LED spot VLE D 4.9-50W GU10 940 36D
Full product code	871869670789000
Order code	929001349002
Material Nr. (12NC)	929001349002
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696707890
Numerator – Packs per outer box	10
EAN/UPC – Case	8718696707906

Dimensional drawing

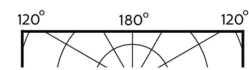| Product	D	C
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm

MASTER VALUE LEDspot MV

Photometric data

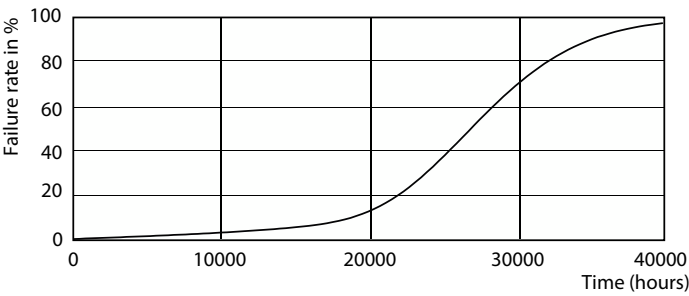**Accent Lighting Spots – MAS LED spot VLE D 4.9-50W GU10 940 36D**

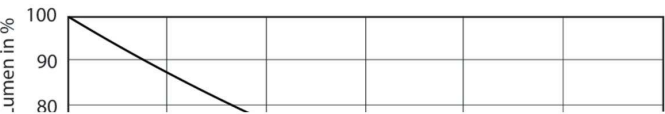**Spectral Power Distribution Colour – MAS LED spot VLE D 4.9-50W GU10 940 36D**

Light Distribution Diagram – MAS LED spot VLE D 4.9-50W GU10 940 36D

Lifetime

Life Expectancy Diagram – MAS LED spot VLE D 4.9-50W GU10 940 36D

Lumen Maintenance Diagram – MAS LED spot VLE D 4.9-50W GU10 940 36D

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2023, April 14 – data subject to change