PHILIPS Lighting



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MASTER VALUE LEDs pot LV

MASTER LEDspotLV DimTone 7-50W MR16 36D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. 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		Light Technical	
Cap-Base	GU5.3 [GU5.3]	Color Code	822-827 [tunable warm white]
Nominal lifetime	25,000 hour(s)	Beam Angle (Nom)	36 degree(s)
Switching Cycle	50,000	Luminous Flux	621 lm
Lighting Technology	LED	Luminous Intensity (Nom)	1,000 cd
Flux measurement reference	Narrow Cone	Color Designation	Warm White (WW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	2700 K
		Luminous Efficacy (rated) (Nom)	88.00 lm/W
		Color Consistency	<6

MASTER VALUE LEDspot LV

Color rendering index (CRI)	80	Approva
LLMF At End Of Nominal Lifetime (N	om) 70 %	Energy E
Luminous Flux in 90° Cone (Rated)	621 lm	Suitable
		Energy C
Operating and Electrical		EPREL R
Line Frequency	- Hz	
Input Frequency	- Hz	Product
Power Consumption	7 W	Order pro
Lamp Current (Nom)	750 mA	Full prod
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	Full prod
Warm-up time to 60% light	0.5 s	Order co
Power Factor (Fraction)	0.85	Material
Voltage (Nom)	ac electronic 12 V	Numerate
		EAN/UP
Temperature		Numerat
T-Case Maximum (Nom)	86 ℃	EAN/UPC
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	

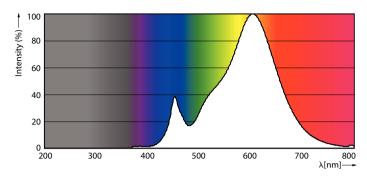
Approval and Application		
Energy Efficiency Class	F	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	7 kWh	
EPREL Registration Number	391904	
Product Data		
Order product name	MAS LEDspotLV DimTone 7-50W MR16 36D	
Full product name	MASTER LEDspotLV DimTone 7-50W MR16	
	36D	
Full product code	871869965820500	
Order code	65820500	
Material Nr. (12NC)	929002058902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699658205	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718699658212	

Dimensional drawing

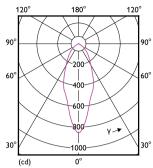
Product	D	с
MAS LEDspotLV DimTone 7-50W MR16 36D	50.5 mm	45.5 mm

MASTER VALUE LEDspot LV

Photometric data



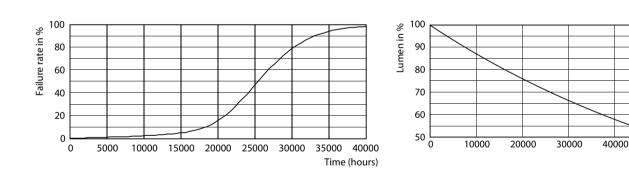
Spectral Power Distribution Colour - MAS LEDspotLV DimTone 7-50W MR16 36D



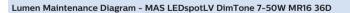
Light Distribution Diagram - MAS LEDspotLV DimTone 7-50W MR16 36D

		Accent Lighting - Spot
	1.	\$2968226585 PBR14 1730K 7W
Prix ments farmer	Carmolae Immole diagram	Login American
NAME AND ADDRESS OF AD		2001

Accent Lighting Spots - MAS LEDspotLV DimTone 7-50W MR16 36D



Life Expectancy Diagram - MAS LEDspotLV DimTone 7-50W MR16 36D



50000

60000

Burning hours

MASTER VALUE LEDspot LV



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www.lighting.philips.com 2023, April 29 - data subject to change