PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 4000K 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
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- 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)
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- Not intended for use with emergency light fixtures or exit lights
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Product data

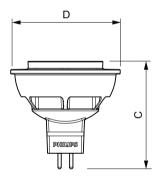
General Information		EU RoHS compliant	Yes	
Cap-Base	GU5.3 [GU5.3]			
Nominal lifetime	25,000 hour(s)	Light Technical		
Switching Cycle	50,000	Color Code	840 [CCT of 4000K]	
Lighting Technology	LED	Beam Angle (Nom)	36 degree(s)	

MASTER VALUE LEDspot LV

Luminous Flux	450 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	5.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	95 ℃

Controls and Dimming		
Dimmable	Νο	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Energy Saving Product	Yes	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	MASTER LED 5.5-50W 4000K MR16 36D	
Full product name	MASTER LED 5.5-50W 4000K MR16 36D	
Full product code	871869647611600	
Order code	929001146908	
Material Nr. (12NC)	929001146908	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696476116	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696476123	

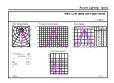
Dimensional drawing



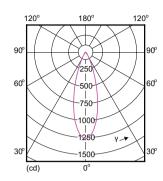
Product	D	с
MASTER LED 5.5-50W 4000K MR16 36D	50.2 mm	49 mm

MASTER VALUE LEDspot LV

Photometric data



Police Laborate P



General uniform lighting - MASTER LED 5.5-50W 4000K MR16 36D

Light Distribution Diagram - MASTER LED 5.5-50W 4000K MR16 36D



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www.lighting.philips.com 2023, April 14 - data subject to change