PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D 8-50W 840 MR16 24D

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

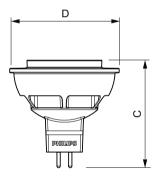
rmation		Beam Angle (Nom)	24 degree(s)	
	GU5.3 [GU5.3]	Luminous Flux	630 lm	
ifetime	25,000 hour(s)	Luminous Intensity (Nom)	2,900 cd	
g Cycle	50,000	Color Designation	Cool White (CW)	
ting Technology	LED	Correlated Color Temperature (Nom)	4000 K	
U RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	78.75 lm/W	
		Color Consistency	<6	
t Technical		Color rendering index (CRI)	80	
Code	840 [CCT of 4000K]	LLMF At End Of Nominal Lifetime (Non	LLMF At End Of Nominal Lifetime (Nom) 70 %	

MASTER VALUE LEDspot LV

Luminous Flux in 90° Cone (Rated)	630 lm		
Operating and Electrical			
Power Consumption	8 W		
Lamp Current (Nom)	1,000 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	1s		
Power Factor (Fraction)	0.7		
Voltage (Nom)	12 V		
Temperature			
T-Case Maximum (Nom)	75 ℃		
Controls and Dimming			
Dimmable	Yes		
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	9 kWh	
Product Data		
Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 24D	
Full product name	MASTER LEDspotLV VLE D 8-50W 840 MR16	
	24D	
Full product code	24D 871869657209200	
Full product code Order code		
· · ·	871869657209200	
Order code	871869657209200 57209200	
Order code Material Nr. (12NC)	871869657209200 57209200 929001241602	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869657209200 57209200 929001241602 1	

Dimensional drawing

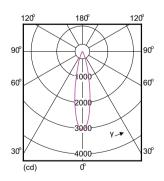


Product	D	с
MAS LEDspotLV VLE D 8-50W 840 MR16 24D	50 mm	50 mm

Photometric data

	Entry Value MR16-8	W-12VAC 25D 4000K	
		1 x 640 im	
	Carterian intensity diagram.		
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General uniform lighting - MAS LEDspotLV VLE D 8-50W 840 MR16 24D





MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 840 MR16 24D



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