PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LED spot VLE D 5.5-35W MR16 827 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

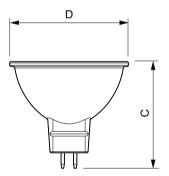
rmation		Beam Angle (Nom)	36 degree(s)	
	GU5.3 [GU5.3]	Luminous Flux	450 lm	
9	25,000 hour(s)	Luminous Intensity (Nom)	1,000 cd	
	50,000	Color Designation	Warm White (WW)	
gy	LED	Correlated Color Temperature (Nom)	2700 K	
	Yes	Luminous Efficacy (rated) (Nom)	81.82 lm/W	
		Color Consistency	<6	
al		Color rendering index (CRI)	80	
	827 [CCT of 2700K]	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)	450 lm		
Operating and Electrical			
Line Frequency	- Hz		
Input Frequency	- Hz		
Power Consumption	5.5 W		
Lamp Current (Nom)	630 mA		
Wattage Equivalent	35 W		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.8		
Voltage (Nom)	ac Electronic 12 V		
Temperature			
T-Case Maximum (Nom)	95 °C		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Bulb Shape	MR16 [2inch/50mm]		

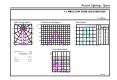
Approval and Application		
Approvat and Apprication		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	7 kWh	
EyeComfort	Yes	
Product Data		
Order product name	MAS LED spot VLE D 5.5-35W MR16 827 36D	
Full product name	MASTER LED spot VLE D 5.5-35W MR16 827	
	36D	
Full product code	871869670823100	
Order code	70823100	
Material Nr. (12NC)	929001325902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696708231	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696708248	

Dimensional drawing

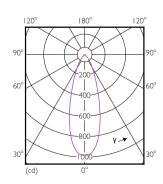


Product	D	с
MAS LED spot VLE D 5.5-35W MR16 827 36D	50.5 mm	45 mm

Photometric data



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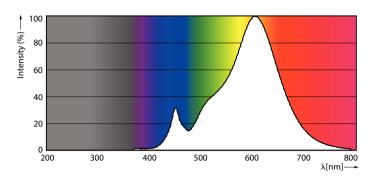


Accent Lighting Spots - MAS LED spot VLE D 5.5-35W MR16 827 36D

Light Distribution Diagram - MAS LED spot VLE D 5.5-35W MR16 827 36D

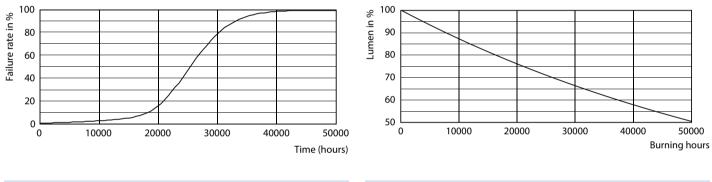
MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LED spot VLE D 5.5-35W MR16 827 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 5.5-35W MR16 827 36D

Lumen Maintenance Diagram - MAS LED spot VLE D 5.5-35W MR16 827 36D



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