



MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 3000K 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)
- \cdot Not intended for use with emergency light fixtures or exit lights

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]

Beam Angle (Nom)	24 degree(s)
Luminous Flux	425 lm
Luminous Intensity (Nom)	1,800 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

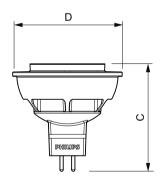
Datasheet, 2023, April 16 data subject to change

MASTER VALUE LEDspot LV

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	No
Mechanical and Housing	
Bulb Shape	MR16

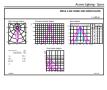
Approval and Application		
Energy Saving Product	Yes	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	MASTER LED 5.5-50W 3000K MR16 24D	
Full product name	MASTER LED 5.5-50W 3000K MR16 24D	
Full product code	871869647607900	
Order code	929001146708	
Material Nr. (12NC)	929001146708	
Local order code	5.5WMR16WH24D	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696476079	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696476086	

Dimensional drawing



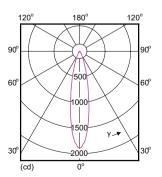
Product	D	С
MASTER LED 5.5-50W 3000K MR16 24D	50.2 mm	49 mm

Photometric data





General uniform lighting - MASTER LED 5.5-50W 3000K MR16 24D



Light Distribution Diagram - MASTER LED 5.5-50W 3000K MR16 24D

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