



# 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)
- Not intended for use with emergency light fixtures or exit lights

### Product data

General Information		Luminous Flux	
Cap-Base	GU5.3 [GU5.3]	Luminous Intensity (Nom)	1,800 cd
Nominal lifetime	25,000 hour(s)	Color Designation	White (WH)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	77.00 lm/W
Light Technical		Color Consistency	<6
Color Code	830 [CCT of 3000K]	Color rendering index (CRI)	80
Beam Angle (Nom)	24 degree(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %

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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 °C

Controls and Dimming	
Dimmable	No

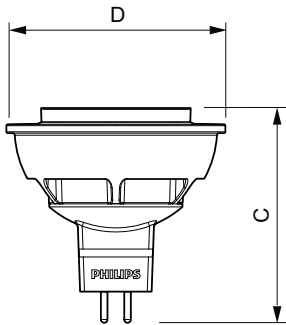
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
EU RoHS compliant	Yes

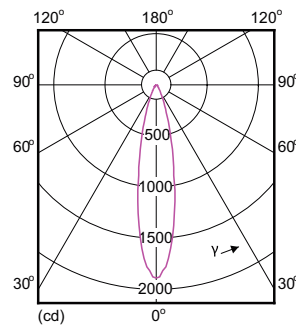
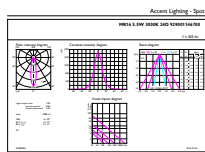
Product Data	
Full product code	871869647607900
Order product name	MASTER LED 5.5-50W 3000K MR16 24D
Order code	47607900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001146708
Full product name	MASTER LED 5.5-50W 3000K MR16 24D
EAN/UPC - Case	8718696476086

## Dimensional drawing



Product	D	C
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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