



# MASTER LEDspot LV

## MASTER LED 4-20W 3000K 12V 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.

### Product data

General Information	
Cap base	GU5.3 [ GU5.3]
Nominal lifetime (nom.)	45000 h
Switching cycle	50000X
Technical type	4-20W
Light Technical	
Colour code	830 [ CCT of 3,000 K]
Beam Angle (Nom)	24 °
Light distribution	- [ -]
Luminous flux (nom.)	220 lm
Luminous flux (rated) (nom.)	220 lm
Luminous intensity (nom.)	1100 cd
Colour designation	White (WH)
Rated beam angle	24 °
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	55.00 lm/W

Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux in 90° Cone (Rated)	220 lm
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	4 W
Lamp current (nom.)	520 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	instant full light
Power factor (nom.)	0.7
Voltage (Nom)	12 V
Controls and Dimming	
Dimmable	No

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## Approval and Application

Energy efficiency label (EEL)	A
Suitable for accent lighting	Yes
Energy Consumption kWh/1000 h	5 kWh

## Product Data

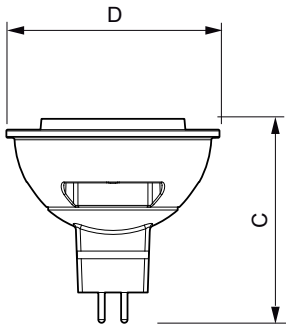
Full product code	871829119138400
Order product name	MASTER LED 4-20W 3000K 12V MR16 24D

EAN/UPC – product	8718291191384
Order code	19138400
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929000217708
Net weight (piece)	0.046 kg

## 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

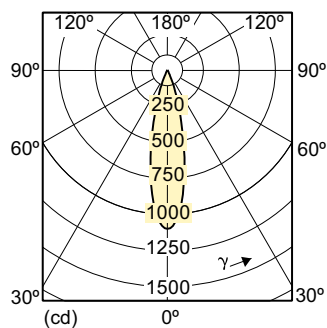
## Dimensional drawing



LED 4-20W GU5.3 830 MR16 24D

Product	D	C
MASTER LED 4-20W 3000K 12V MR16 24D	50 mm	47.8 mm

## Photometric data



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