



# MASTER LEDspot LV

## MAS LEDspotLV 3.5-20W 827 MR11 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			
Cap base	GU4 [ GU4]	Luminous intensity (nom.)	1000 cd
EU RoHS compliant	Yes	Colour designation	Warm White (WW)
Nominal lifetime (nom.)	40000 h	Correlated Colour Temperature (Nom)	2700 K
Switching cycle	50,000X	Luminous efficacy (rated) (nom.)	60.00 lm/W
Technical type	3.5-20W	Colour consistency	<6
		Colour rendering index (nom.)	80
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous flux in 90° cone (rated)	200 lm
Light Technical		Operating and Electrical	
Colour Code	827 [ CCT of 2,700 K]	Input frequency	50 to 60 Hz
Beam Angle (Nom)	24°		
Luminous flux (nom.)	210 lm		

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Power (Rated) (Nom)	3.5 W
Lamp current (nom.)	640 mA
Wattage equivalent	20 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	instant full light
Power factor (nom.)	0.5
Voltage (Nom)	12 V

## Temperature

T-Case maximum (nom.)	94 °C
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## Controls and Dimming

Dimmable	No
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## Approval and Application

Energy efficiency label (EEL)	A+
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Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh

## Product Data

Full product code	871869641019600
Order product name	MAS LEDspotLV 3.5-20W 827 MR11 24D
EAN/UPC – product	8718696410196
Order code	41019600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	929001123802
SAP net weight (piece)	0.024 kg

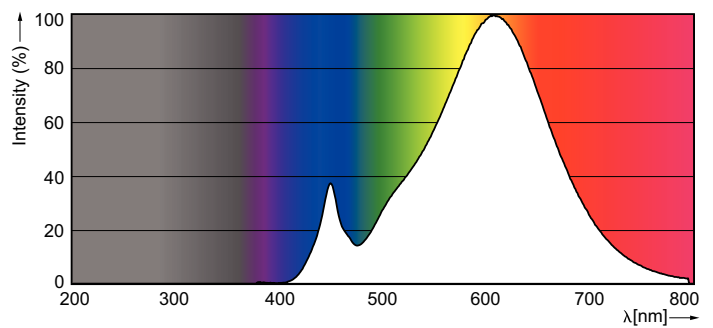
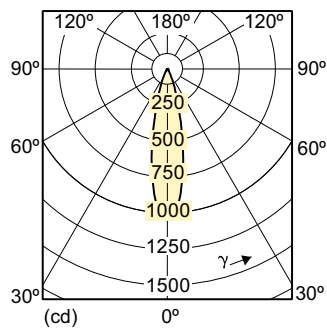
## Dimensional drawing

D

Product	D	C
MAS LEDspotLV 3.5-20W 827 MR11 24D	35 mm	40 mm

## LED 3.5-20W 827 MR11 24D

## Photometric data



SDPO\_LEDspotL\_0006-Spectral Power distribution

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