



MASTER LEDspot LV

MAS LEDspotLV D 8.0-50W 830 MR16 24D

Delivering an intense accent beam, the MASTER LEDspot LV is an ideal retrofit solution for spot-lighting. The MASTER LEDspot LV is designed to replace halogen or incandescent spots. It achieves natural colours, enables cosy and comfortable ambience for residential and hospitality usage, and emphasises the beauty of merchandise in retail. A new smaller housing provides perfect fitting with the majority of luminaires on the market with a MR16 GU 5.3 holder. It not only employs Philips's patented solution to guarantee the broadest possible compatibility with standard 12 V halogen electronic transformers, it also delivers high beam intensity which is equivalent to halogen MR16 spots. The dimming function enables users to create the desired atmosphere and it works with broad selection of dimmers. Its high SDCM ensures stricter colour consistency, that is maintained over product life. The MASTER LEDspot LV delivers huge energy savings and minimises maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

Product data

General Information		Colour designation	
Cap base	GU5.3 [GU5.3]	Rated beam angle	24 °
Nominal lifetime (nom.)	40000 h	Correlated colour temperature (nom.)	3000 K
Switching cycle	50000X	Luminous efficacy (rated) (nom.)	78 lm/W
Technical type	8-50W	Colour consistency	<6
Light Technical		Color rendering index (nom.)	80
Colour code	830 [CCT of 3,000 K]	LLMF at end of nominal lifetime (nom.)	70 %
Beam Angle (Nom)	24 °	Luminous Flux in 90° Cone (Rated)	621 lm
Light distribution	24D [Medium beam]	Operating and Electrical	
Luminous flux (nom.)	660 lm	Input frequency	50 to 60 Hz
Luminous flux (rated) (nom.)	660 lm	Power (Rated) (Nom)	8 W
Luminous intensity (nom.)	3250 cd	Lamp current (nom.)	900 mA

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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

Temperature

T-Case maximum (nom.)	105 °C
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Controls and Dimming

Dimmable	yes
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Approval and Application

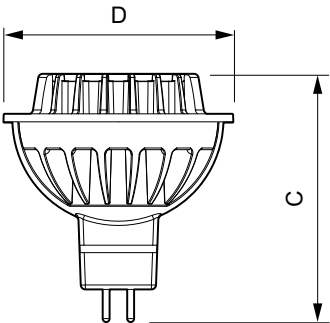
Energy efficiency label (EEL)	A+
Suitable for accent lighting	Yes

Energy Consumption kWh/1000 h	9 kWh
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Product Data

Full product code	871869649001300
Order product name	MAS LEDspotLV D 8.0-50W 830 MR16 24D
EAN/UPC – product	8718696490013
Order code	49001300
Local Code	MLED8WGU533024D
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001149902
Net weight (piece)	0.045 kg

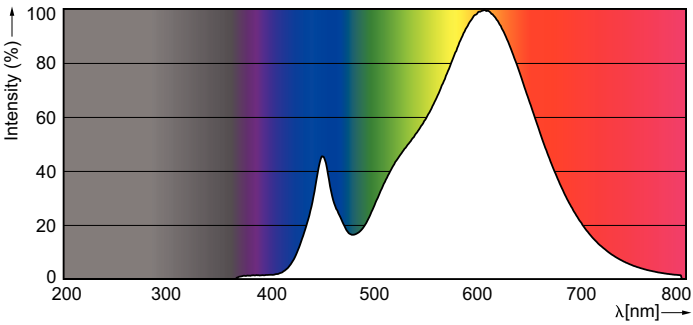
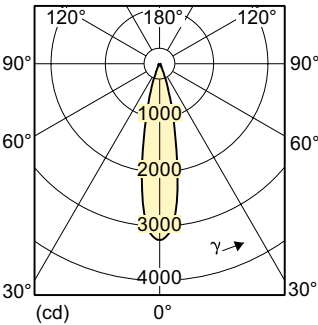
Dimensional drawing



LED D 8-50W 830 MR16 24D

Product	D	C
MAS LEDspotLV D 8.0-50W 830 MR16 24D	51 mm	55 mm

Photometric data



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