

MASTER LEDspot LV

MAS LEDspotLV D 7-35W 940 MR16 24D

Delivering intense accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot light. Thanks to its high CRI, it realize more natural colors, enabling cozy and comfortable ambience for residential, hospitality and emphasize the beauty of merchandise in retail. MASTER LEDspot LV is compatible with most existing fixtures with a MR16 GU 5.3 holder and designed as a retrofit replacement for halogen or incandescent spots. Not only it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intesity which equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. MASTER LEDspot LV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling residential owners and business owners to achieve a return on their investment within short period time with its efficiency energy use and long life time.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Technical Type	7-35W

Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	24 °
Light Distribution	Medium beam 24°
Luminous Intensity (Nom)	2300 cd
Color Designation	Cool White (CW)
Rated Beam Angle	24 °
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	61.43 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	430 lm

Operating and Electrical	
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	1 s
Power Factor (Nom)	0.7

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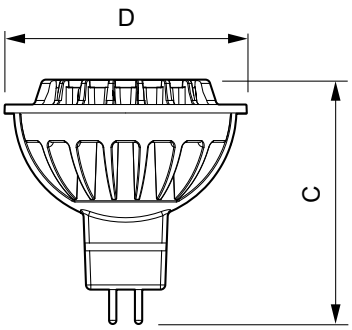
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A
Energy Consumption kWh/1000 h	8 kWh

Product Data	
Full product code	871869665935900
Order product name	MAS LEDspotLV D 7-35W 940 MR16 24D
EAN/UPC - Product	8718696659359
Order code	929001153032
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001153032
Net Weight (Piece)	0.045 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

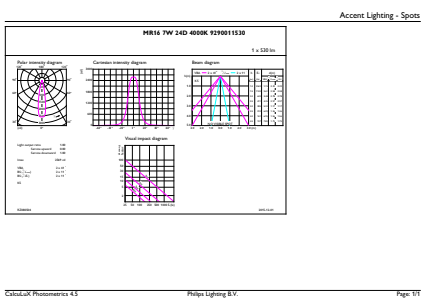
Dimensional drawing

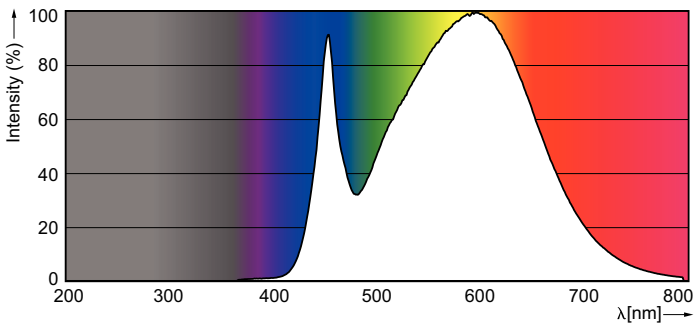


LED D 7-35W 840 MR16 24D

Product	D	C
MAS LEDspotLV D 7-35W 940 MR16 24D	50.5 mm	50.5 mm

Photometric data







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2017, March 1 - data subject to change