



MASTER VALUE LEDs pot LV



MASTER LED spot VLE D 5.8-35W MR16 940 36D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

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		Operating and electrical	
Cap-Base	GU5.3 [GU5.3]	Correlated Color Temperature (Nom)	4000 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	84.00 lm/W
Nominal Lifetime (Nom)	25000 h	Color Consistency	<6
Switching Cycle	50000X	Color Rendering Index (Nom)	90
Flux measurement reference	Narrow Cone	LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	490 lm
Light technical			
Color Code	940 [CCT of 4000K]	Input Frequency	- Hz
Beam Angle (Nom)	36 °	Power (Nom)	5.8 W
Luminous Flux (Nom)	490 lm	Lamp Current (Nom)	510 mA
Luminous Intensity (Nom)	1200 cd	Wattage Equivalent	35 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s

MASTER VALUE LEDspot LV

Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V

Temperature	
T-Case Maximum (Nom)	85 °C

Controls and dimming	
Dimmable	Only with specific dimmers

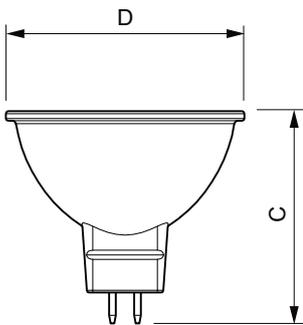
Mechanical and housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	453175

Product data	
Full product code	871951430722300
Order product name	MASTER LED spot VLE D 5.8-35W MR16 940 36D
EAN/UPC - Product	8719514307223
Order code	929002492702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002492702
Copy Net Weight (Piece)	0.045 kg

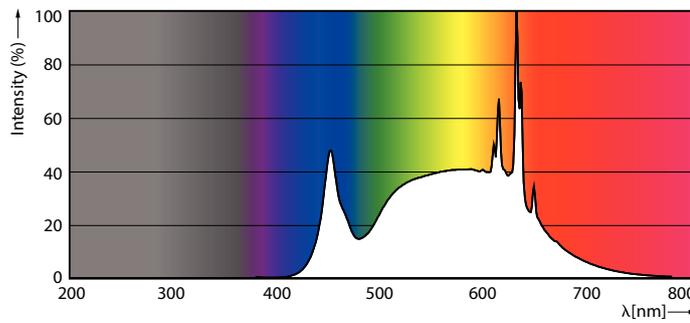
Dimensional drawing



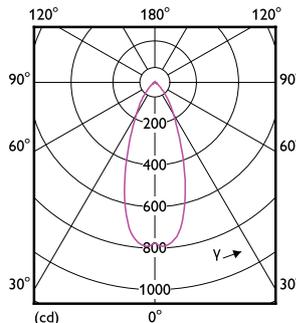
MASTER LED spot VLE D 5.8-35W MR16 940 36D

Product	D	C
MASTER LED spot VLE D 5.8-35W MR16 940 36D	50.5 mm	45.5 mm

Photometric data



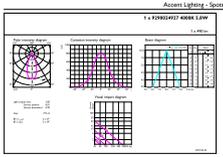
LEDspots MAS 5,8W MR16 GU5,3 940 36D



LEDspots MAS 5,8W MR16 GU5,3 940 36D

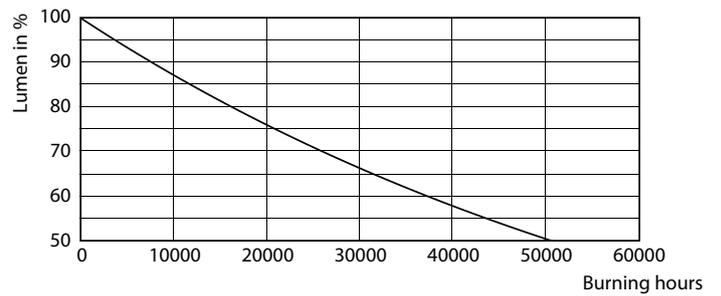
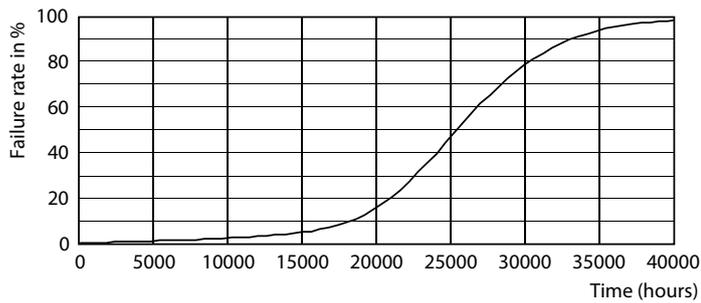
MASTER VALUE LEDspot LV

Photometric data



LEDspots MAS 5,8W MR16 GU5,3 940 36D

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

