

# MASTER LEDspot LV

## MASTER LED 6.5-50W 930 MR16 36D Dim

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

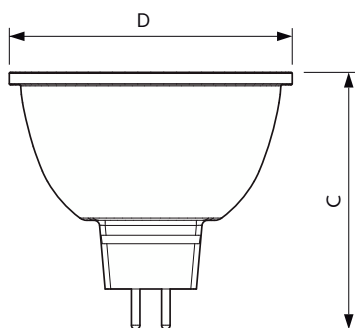
General information		Operating and electrical	
Cap base	GU5.3 [ GU5.3]	Lamp Luminous Efficacy EM (Nom)	76.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<4
Nominal lifetime (nom.)	40000 h	Colour Rendering Index,horiz (Nom)	90
Switching cycle	50000	LLMF at end of nominal lifetime (nom.)	70 %
Light technical			
Colour Code	930 [ CCT of 3,000 K]	Input frequency	- Hz
Technical Beam Angle (Nom)	36 °	Power (Rated) (Nom)	6.5 W
Lamp Luminous Flux 25°C EL (Nom)	500 lm	Lamp current (nom.)	650 mA
Luminous intensity (nom.)	1600 cd	Wattage equivalent	50 W
Colour Designation	White (WH)	Starting time (nom.)	0.5 s
Colour Temperature, horizontal (Nom)	3000 K	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.7

## MASTER LEDspot LV

Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	90 °C
Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Bulb shape	MR16 [ 2inch/50mm]
Approval and application	
Suitable for accent lighting	Yes

Product data	
Full product code	871951435791400
Order product name	MASTER LED 6.5-50W 930 MR16 36D Dim
EAN/UPC – product	8719514357914
Order code	929003072308
Local order code	MLED6.5W93036D
SAP numerator – quantity per pack	1
Local code description	MLED7W93036D
Numerator – packs per outer box	10
SAP material	929003072308
Net Weight (Piece)	0.060 kg

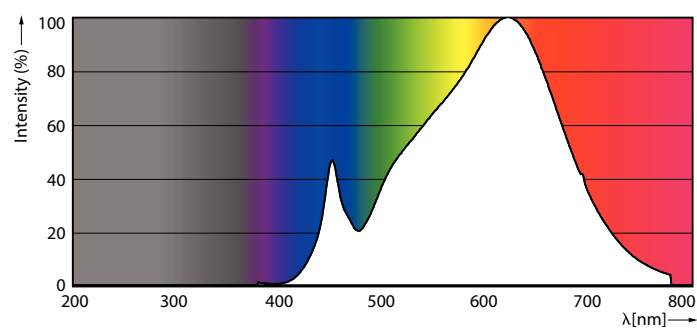
## Dimensional drawing



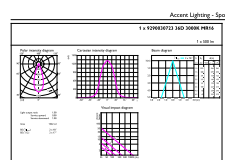
**MASTER LED 6.5-50W 930 MR16 36D Dim**

Product	D	C
MASTER LED 6.5-50W 930 MR16 36D Dim	50 mm	46.5 mm

### Photometric data



**LEDspots GMGC 1 6,5W MR16 GU5,3 930 10D-POC**

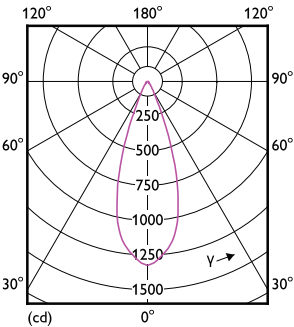


Cekalax Photometrics 45 Philips Lighting B.V. Page 51

**LEDspots GMGC 1 6,5W MR16 GU5,3 930 36D-ADL**

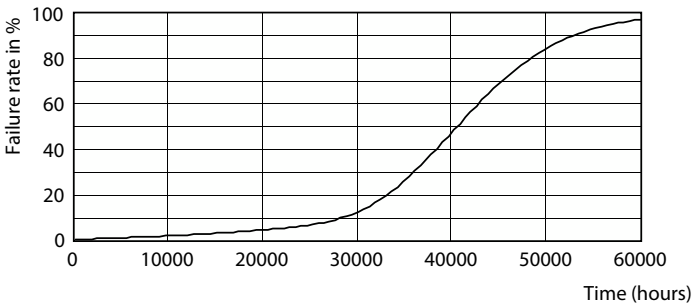
MASTER LEDspot LV

Photometric data

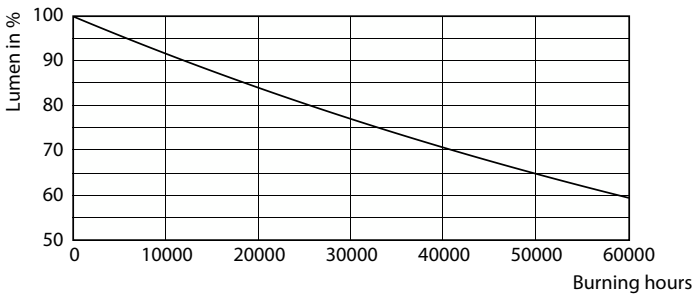


LEDspots GMGC 1 6,5W MR16 GU5,3 930 36D-LDD

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

