



# MASTER LEDspot LV

## MASTER LED 6.5-50W 927 MR16 24D CN

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

### Product data

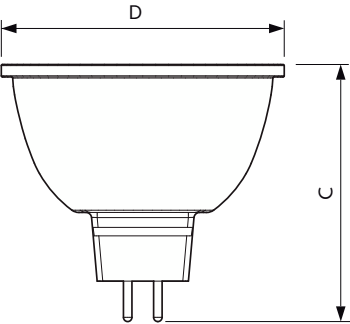
General Information		Operating and Electrical	
Cap-Base	GU5.3	Line Frequency	- Hz
Nominal lifetime	40,000 hour(s)	Input Frequency	- Hz
Switching Cycle	50,000	Power Consumption	6.5 W
Lighting Technology	LED	Lamp Current (Nom)	720 mA
EU RoHS compliant	Yes	Wattage Equivalent	50 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	927	Correlated Color Temperature (Nom)	2700 K
Beam Angle (Nom)	24 degree(s)	Luminous Efficacy (rated) (Nom)	72.00 lm/W
Luminous Flux	470 lm	Color Consistency	<4
Luminous Intensity (Nom)	2,300 cd	Color rendering index (CRI)	90
Color Designation	Warm White (WW)	LLMF At End Of Nominal Lifetime (Nom)	70 %

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	MR16
Approval and Application	
Suitable For Accent Lighting	Yes

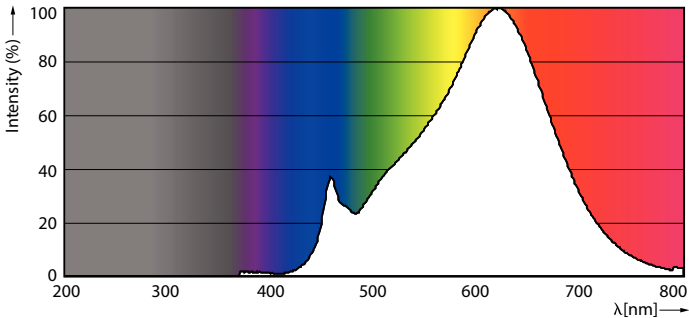
Energy Consumption kWh/1000 h	8 kWh
Product Data	
Order product name	MASTER LED 6.5-50W 927 MR16 24D CN
Full product name	MASTER LED 6.5-50W 927 MR16 24D CN
Full product code	692234190523000
Order code	929001881910
Material Nr. (12NC)	929001881910
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341905230
Numerator - Packs per outer box	10
EAN/UPC - Case	6922341905247

Dimensional drawing



Product	D	C
MASTER LED 6.5-50W 927 MR16 24D CN	50.5 mm	46.5 mm

Photometric data

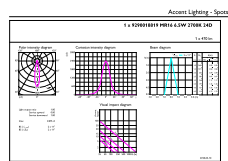


Light Distribution Diagram - MASTER LED 6.5-50W 927 MR16 24D CN

Spectral Power Distribution Colour - MASTER LED 6.5-50W 927 MR16 24D CN

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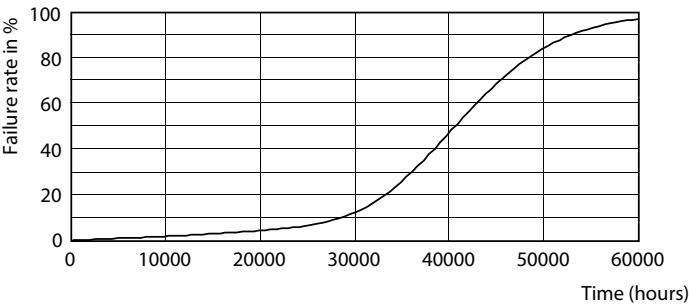
## Photometric data



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### Accent Lighting Spots - MASTER LED 6.5-50W 927 MR16 24D CN

## Lifetime



### Lumen Maintenance Diagram - MASTER LED 6.5-50W 927 MR16 24D CN

### Life Expectancy Diagram - MASTER LED 6.5-50W 927 MR16 24D CN

