



# MASTER LEDspot LV

## MASTER LED 7-50W 927 MR16 36D Dim

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		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	71.00 lm/W
Nominal lifetime	40,000 h	Color Consistency	<4
Switching Cycle	50,000	Color rendering index (CRI)	90
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Operating and Electrical	
Light Technical		Line Frequency	- Hz
Color Code	927	Input Frequency	- Hz
Beam Angle (Nom)	36 degree(s)	Power Consumption	7 W
Luminous Flux	500 lm	Lamp Current (Nom)	830 mA
Luminous Intensity (Nom)	1,400 cd	Wattage Equivalent	50 W
Color Designation	Warm White (WW)	Starting Time (Nom)	0.5 s

## MASTER LEDspot LV

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
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

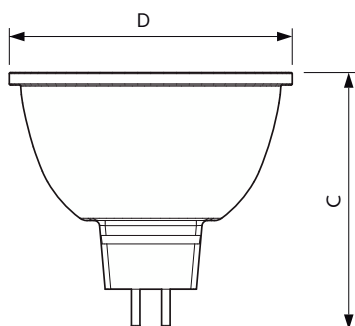
Bulb Shape	MR16 [2inch/50mm]
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## Approval and Application

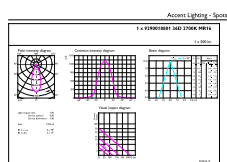
Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	8 kWh
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## Dimensional drawing



## Photometric data

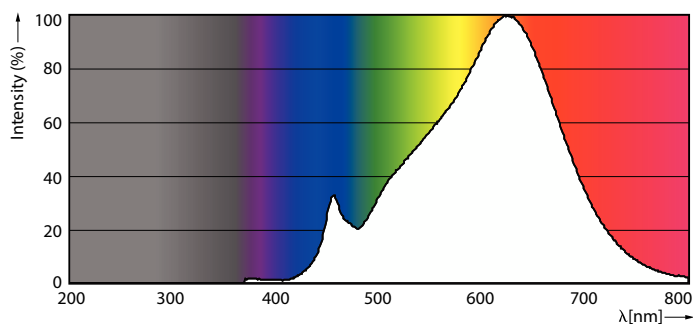


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## Product Data

Order product name	MASTER LED 7-50W 927 MR16 36D Dim
Full product name	MASTER LED 7-50W 927 MR16 36D Dim
Full product code	871869681233400
Local code description	MLED7W92736D
Order code	929001880108
Material Nr. (12NC)	929001880108
Local order code	MLED7W92736D
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696812334
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696812341

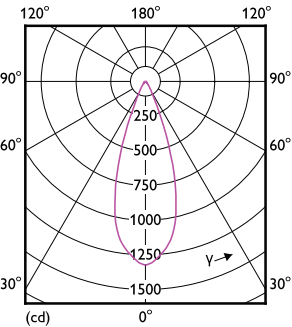
Product	D	C
MASTER LED 7-50W 927 MR16 36D Dim	50.5 mm	46.5 mm



Spectral Power Distribution Colour - MASTER LED 7-50W 927 MR16 36D  
Dim

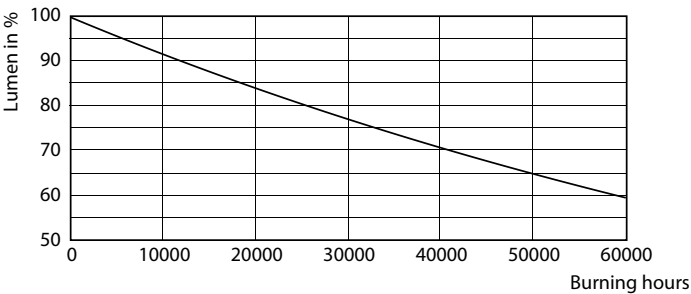
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## Photometric data

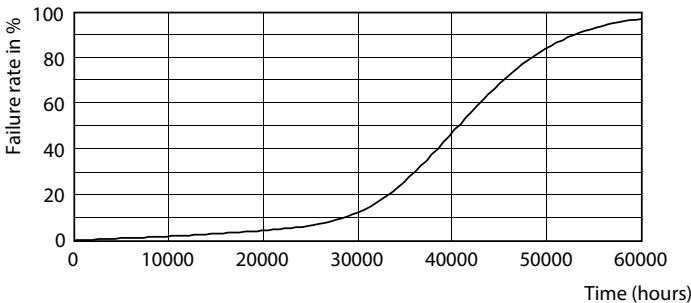


Light Distribution Diagram - MASTER LED 7-50W 927 MR16 36D Dim

## Lifetime



Lumen Maintenance Diagram - MASTER LED 7-50W 927 MR16 36D Dim



Life Expectancy Diagram - MASTER LED 7-50W 927 MR16 36D Dim

