



# MASTER LEDspot LV

## MASTER LED 6.5-50W 940 MR16 24D 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

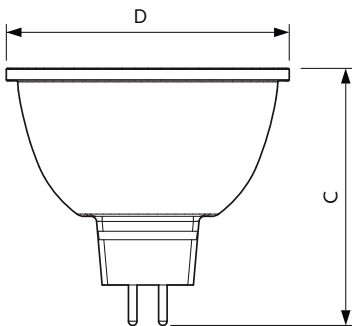
General information		Luminous Efficacy (rated) (Nom)	
Cap-Base	GU5.3 [ GU5.3]		81.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<4
Nominal Lifetime (Nom)	40000 h	Color Rendering Index (Nom)	90
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	940 [ CCT of 4000K]	Input Frequency	- Hz
Beam Angle (Nom)	24 °	Power (Nom)	6.5 W
Luminous Flux (Nom)	530 lm	Lamp Current (Nom)	650 mA
Luminous Intensity (Nom)	3400 cd	Wattage Equivalent	50 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.7

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<b>Voltage (Nom)</b>	ac electronic 12 V
<b>Temperature</b>	
<b>T-Case Maximum (Nom)</b>	90 °C
<b>Controls and dimming</b>	
<b>Dimmable</b>	Only with specific dimmers
<b>Mechanical and housing</b>	
<b>Bulb Shape</b>	MR16 [ 2inch/50mm]
<b>Approval and application</b>	
<b>Suitable For Accent Lighting</b>	Yes

<b>Product data</b>	
<b>Full product code</b>	871951435783900
<b>Order product name</b>	MASTER LED 6.5-50W 940 MR16 24D Dim
<b>EAN/UPC - Product</b>	8719514357839
<b>Order code</b>	929003072108
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	10
<b>Material Nr. (12NC)</b>	929003072108
<b>Net Weight (Piece)</b>	0.060 kg

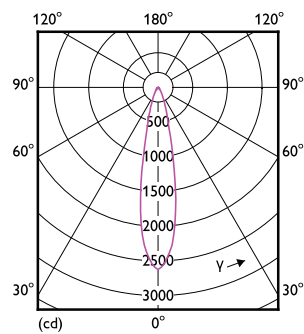
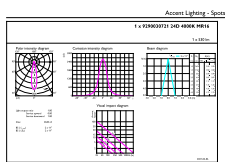
## Dimensional drawing



MASTER LED 6.5-50W 940 MR16 24D Dim

Product	D	C
MASTER LED 6.5-50W 940 MR16 24D Dim	50 mm	46.5 mm

## Photometric data

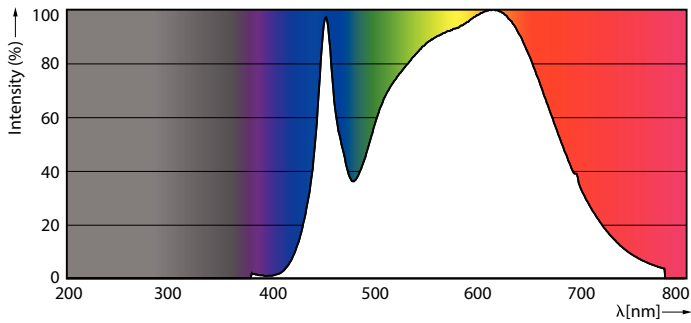


LEDspots GMGC 1 6,5W MR16 GU5,3 940 24D-ADL

LEDspots GMGC 1 6,5W MR16 GU5,3 940 24D-LDD

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## Photometric data



LEDspots GMGC 1 6,5W MR16 GU5,3 940 24D-POC

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

