



MASTER LEDspot LV

MASTER LED 6.5-50W 940 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

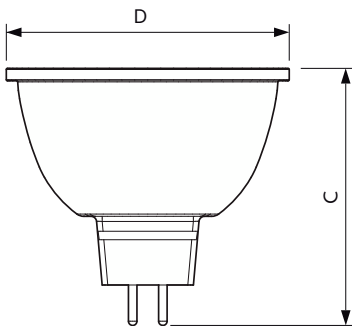
General information		Luminous Efficacy (rated) (Nom)	
Cap-Base	GU5.3 [GU5.3]		81.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<4
Nominal Lifetime (Nom)	40000 h	Color Rendering Index (Nom)	90
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	940 [CCT of 4000K]	Input Frequency	- Hz
Beam Angle (Nom)	36 °	Power (Nom)	6.5 W
Luminous Flux (Nom)	530 lm	Lamp Current (Nom)	650 mA
Luminous Intensity (Nom)	1600 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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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	871951435795200
Order product name	MASTER LED 6.5-50W 940 MR16 36D Dim
EAN/UPC - Product	8719514357952
Order code	929003072408
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003072408
Net Weight (Piece)	0.060 kg

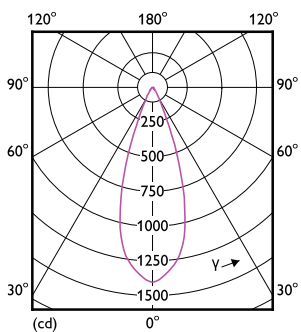
Dimensional drawing



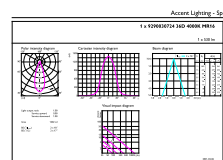
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Product	D	C
MASTER LED 6.5-50W 940 MR16 36D Dim	50 mm	46.5 mm

Photometric data



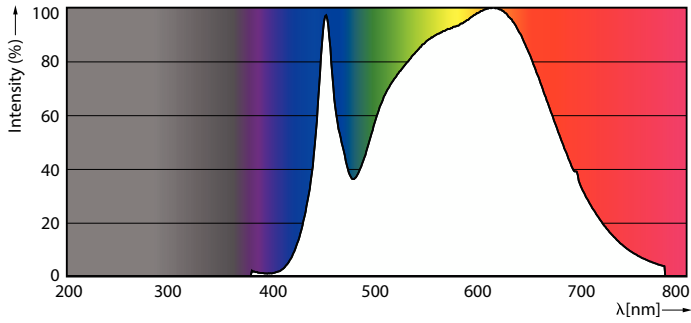
LEDspots GMGCLA 6,5W MR16 GU5,3 940 36D-LDD



LEDspots GMGCLA 6,5W MR16 GU5,3 940 36D-ADL

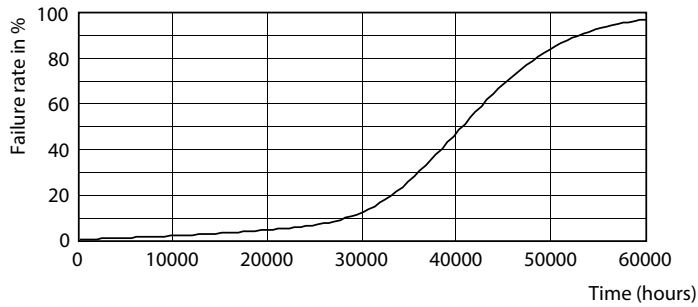
MASTER LEDspot LV

Photometric data



LEDspots GMGCLA 6,5W MR16 GU5,3 940 36D-POC

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

