PHILIPS Lighting



MASTER LEDspot LV

MASTER LED 9-50W+ 827 MR16 36D Dim KR

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	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	660 lm
Luminous Intensity (Nom)	1,700 cd
Color Designation	Warm White (WW)

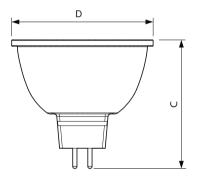
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	73.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	9 W
Lamp Current (Nom)	960 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s

MASTER LEDspot LV

Warm-up time to 60% light	0.5 s	Energy Consumpti
Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	Product Data
		Order product nam
Temperature		Full product name
T-Case Maximum (Nom)	100 °C	Full product code
		Order code
Controls and Dimming		Material Nr. (12NC
Dimmable	Yes	Numerator - Quan
		EAN/UPC - Produc
Mechanical and Housing		Numerator - Packs
Bulb Shape	MR16 [2inch/50mm]	EAN/UPC - Case
Approval and Application		
Suitable For Accent Lighting	Yes	

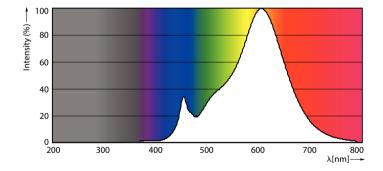
Energy Consumption kWh/1000 h	9 kWh	
Product Data		
Order product name	MASTER LED 9-50W+ 827 MR16 36D Dim KR	
Full product name	MASTER LED 9-50W+ 827 MR16 36D Dim KR	
Full product code	871869681315700	
Order code	929001881638	
Material Nr. (12NC)	929001881638	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696813157	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696813164	

Dimensional drawing

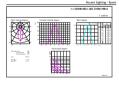


Product	D	с
MASTER LED 9-50W+ 827 MR16 36D Dim KR	50.5 mm	46.5 mm

Photometric data



Spectral Power Distribution Colour - MASTER LED 9-50W+ 827 MR16 36D Dim KR

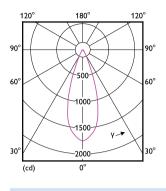


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Accent Lighting Spots - MASTER LED 9-50W+ 827 MR16 36D Dim KR

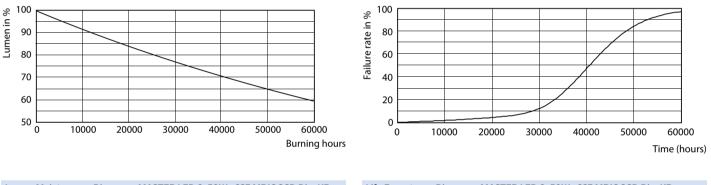
MASTER LEDspot LV

Photometric data



Light Distribution Diagram - MASTER LED 9-50W+ 827 MR16 36D Dim KR

Lifetime



Lumen Maintenance Diagram - MASTER LED 9-50W+ 827 MR16 36D Dim KR

Life Expectancy Diagram - MASTER LED 9-50W+ 827 MR16 36D Dim KR



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