



# MASTER LEDspot LV

## MASTER LED 7-50W 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

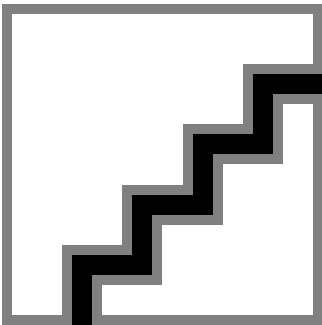
General Information		Color Designation	
Cap-Base	GU5.3 [ GU5.3]	Rated Beam Angle	Cool White (CW) 36 °
RoHS mark	RoHS mark	Correlated Color Temperature (Nom)	4000 K
Nominal Lifetime (Nom)	40000 h	Luminous Efficacy (rated) (Nom)	75.00 lm/W
Switching Cycle	50000X	Color Consistency	<4
Technical Type	7-50W	Color Rendering Index (Nom)	90
Light Technical		LLMF At End Of Nominal Lifetime (Nom)	70 %
Color Code	940 [ CCT of 4000K]	Operating and Electrical	
Beam Angle (Nom)	36 °	Power (Nom)	7 W
Luminous Flux (Nom)	530 lm	Lamp Current (Nom)	830 mA
Luminous Flux (Rated) (Nom)	530 lm	Wattage Equivalent	50 W
Luminous Intensity (Nom)	1500 cd	Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	A
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	8 kWh
Product Data	
Full product code	871869681243300
Order product name	MASTER LED 7-50W 940 MR16 36D Dim
EAN/UPC - Product	8718696812433
Order code	929001880308
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001880308
Net Weight (Piece)	0.052 kg

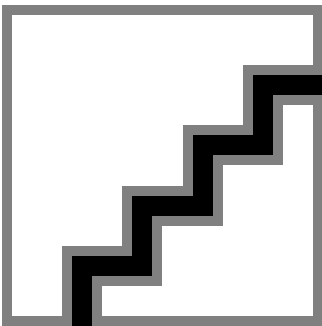
Dimensional drawing



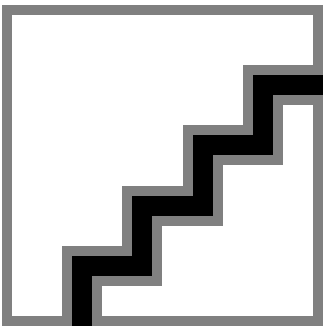
MR16 12V 7-35W 400lm 36D 4000K GU5.3 D

Product	D	C
MASTER LED 7-50W 940 MR16 36D Dim	50.5 mm	46.5 mm

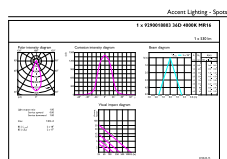
Photometric data



7-50W GU5-3 MR16



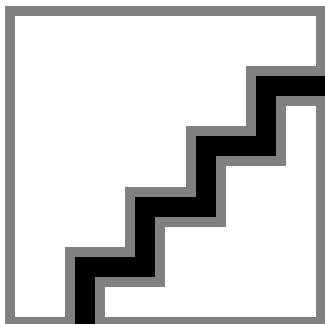
7-50W GU5-3 MR16 36D 940 4000K



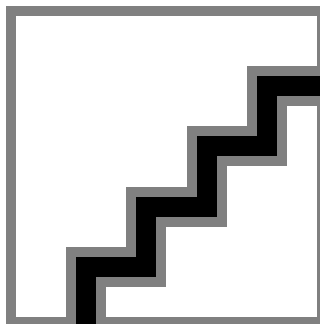
Cellulose Phosphates 4.5	Polysulfone 6.5	Form. 5.0
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7-50W GU5-3 MR16 36D 940 4000K

## Lifetime



**7-50W GU5-3 MR16**



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