



Classic LEDspotLV

LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10

LEDspotLV Classic offers an archetypal halogen-like design while delivering the benefits of LED technology, saving around 85% on energy consumption, minimizing maintenance cost, and much more besides. It is compatible with most existing fixtures with a GU 5.3 holder and is designed as a retrofit replacement for halogen or incandescent spots.

Product data

General Information		
Cap-Base	GU5.3	
Nominal lifetime	25,000 h	
Switching Cycle	50,000	
Rated Lifetime (Hours)	25,000 h	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	940 [CCT of 4000K]	
Color Code	940 [CCT of 4000K]	
Beam Angle (Nom)	60 degree(s)	
Luminous Flux	745 lm	
Luminous Intensity (Nom)	770 cd	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	99 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	90	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Photobiological safety according to EN 62471 RG1		

Operating and Electrical	
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	660 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
Ambient temperature range	-20 to +40 °C
T-Case Maximum (Nom)	95 ℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	MR16

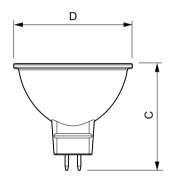
Datasheet, 2023, September 26 data subject to change

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Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	9 kWh
EyeComfort	No
Product Data	
Order product name	LEDspots 7.5-50W MR16 940 DIM 60D
	1PF/10
Full product name	LEDspots 7.5-50W MR16 940 DIM 60D
	1PF/10
Full product code	871951435765500

Local code description	LCD84060DMR16
Order code	929002493709
Material Nr. (12NC)	929002493709
Local order code	LCD84060DMR16
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514357655
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514357662

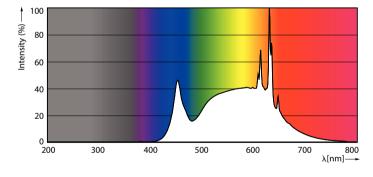
Dimensional drawing

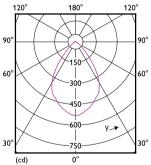


Product

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Photometric data



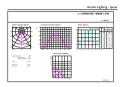


Spectral Power Distribution Colour - LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10

Light Distribution Diagram - LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10

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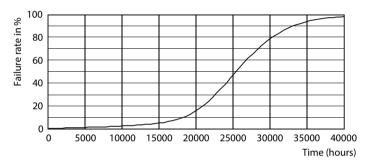
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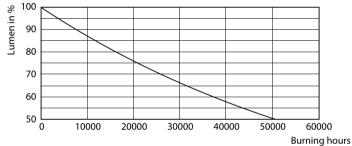


Cato, LuX Photametricx 4.5 Philips Lighting ScV. Fago: 177

Accent Lighting Spots - LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10

Lifetime





Life Expectancy Diagram - LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10

Lumen Maintenance Diagram - LEDspots 7.5-50W MR16 940 DIM 60D 1PF/10



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