



MASTER LEDspot ExpertColor LV



MASTER LED ExpertColor 6.7-35W MR16 940 36D

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

Product data

General information	
Cap-Base	GU5.3 [GU5.3]
CE mark	Yes
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000
Flux measurement reference	Narrow Cone
Tier	MASTER
Light technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	460 lm
Luminous Intensity (Nom)	1400 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	68.00 lm/W
Color Consistency	<3

Color Rendering Index (Nom)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	460 lm
Operating and electrical	
Input Frequency	- Hz
Power (Nom)	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	92 ℃

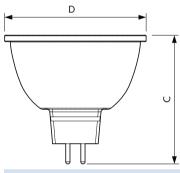
Datasheet, 2022, December 5 data subject to change

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Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	624215

Product data	
Full product code	871951435863800
Order product name	MASTER LED ExpertColor 6.7-35W MR16 940
	36D
EAN/UPC - Product	8719514358638
Order code	929003079602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003079602
Net Weight (Piece)	0.052 kg

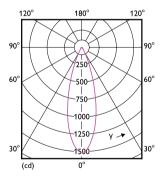
Dimensional drawing



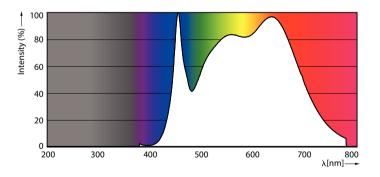
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Product D C MASTER LED ExpertColor 6.7-35W MR16 940 36D 50.5 mm 46 mm

Photometric data



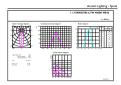
LEDspots MAS IC 6,7W MR16 GU5,3 940 36D-LDD



LEDspots MAS IC 6,7W MR16 GU5,3 940 60D-POC

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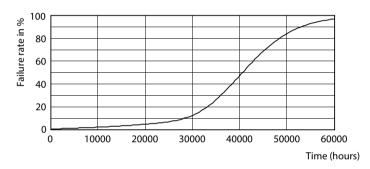
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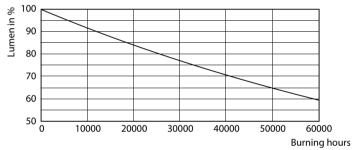


Calculus Photogrammerics 4.5 Philips Lighting G.V. Fagor 171

LEDspots MAS IC 6,7W MR16 GU5,3 940 36D-ADL

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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