



MASTER LEDspot ExpertColor LV



MASTER LED ExpertColor 6.7-35W MR16 930 24D

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 customised 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 lamps.

Product data

General information		
Lighting Technology	LED	
Flux measurement reference	Narrow Cone	
Switching Cycle	50,000	
Nominal lifetime	40,000 h	
Cap base	GU5.3 [GU5.3]	
Light technical		
Colour Code	930 [CCT of 3000K]	
Beam angle (nom.)	24 degree(s)	
Luminous Flux	440 lm	
Luminous intensity (nom.)	2,200 cd	
Colour designation	White (WH)	
Correlated Colour Temperature	3000 K	
Luminous Efficacy (rated) (Nom)	65.00 lm/W	
Colour consistency	<3	
Colour rendering index (CRI)	97	
LLMF at end of nominal lifetime (nom.) 70 $\%$		

Luminous flux in 90° cone (rated)	440 lm
Operating and electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	6.7 W
Lamp current (nom.)	650 mA
Wattage equivalent	35 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	
T-Case maximum (nom.)	92 ℃

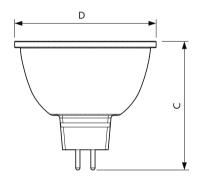
Datasheet, 2023, April 15 data subject to change

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Controls and dimming		
Dimmable	Only with specific dimmers	
Mechanical and housing		
Bulb shape	MR16 [2 inch/50 mm]	
Approval and application		
Energy Efficiency Class	G	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	7 kWh	
EPREL registration number	624214	
CE mark	Yes	
EU RoHS compliant	Yes	

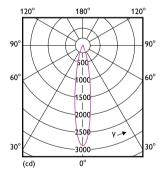
Product data		
Full EOC	871951435855300	
Order product name	MAS LED ExpertColor 6.7-35W MR16 930 24D	
Order code	35855300	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	10	
Material number (12NC)	929003079202	
Full product name	MASTER LED ExpertColor 6.7-35W MR16 930	
	24D	
EAN/UPC - Case	8719514358560	
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Dimensional drawing

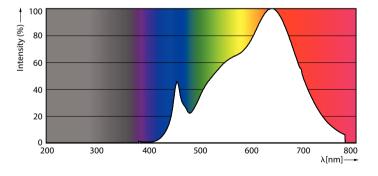


Product	D	С
MAS LED ExpertColor 6.7-35W MR16 930 24D	50.5 mm	46 mm

Photometric data



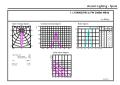
Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 930 24D

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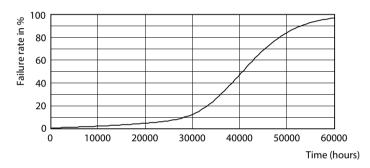
Photometric data

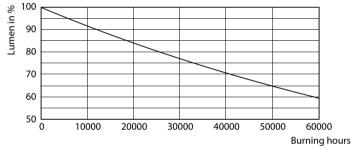


Calculate Photometric 4.5 Philips Lighting ScV. Figur. 1

Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 930 24D

Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



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