



MASTER LED spot ExpertColor LV



MASTER LED ExpertColor 6.7-35W MR16 927 36D

MASTER, LED, MR16, Only with specific dimmers, GU5.3, 2700 K, 420 lm, CRI 97, 40000 h

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			
Cap base	GU5.3	Correlated Colour Temperature (Nom)	2700 K
Nominal lifetime	40,000 h	Luminous efficacy (rated) (nom.)	62 lm/W
Switching Cycle	50,000	Colour consistency	<3
Lighting Technology	LED	Colour rendering index (CRI)	97
Flux measurement reference	Narrow Cone	LLMF at end of nominal lifetime (nom.)	70 %
Warranty period	5 years	Luminous flux in 90° cone (rated)	420 lm
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	927 [CCT of 2700K]	Line Frequency	- Hz
Beam angle (nom.)	36 degree(s)	Input frequency	- Hz
Luminous Flux	420 lm	Power Consumption	6.7 W
Luminous intensity (nom.)	1,300 cd	Lamp current (nom.)	650 mA
Colour designation	Warm White (WW)	Wattage equivalent	35 W

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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 °C
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb shape	MR16
Net Weight (Piece)	0.052 kg

Approval and Application

Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	7 kWh
EPREL Registration Number	624210
CE mark	Yes

EU RoHS compliant	Yes
EyeComfort	Yes

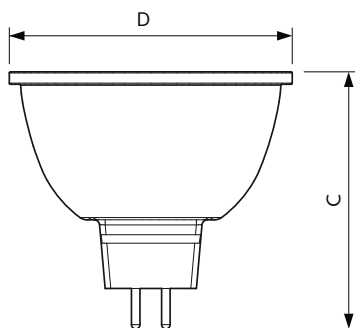
Application Conditions

Can it be used in closed luminaires	No
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Product Data

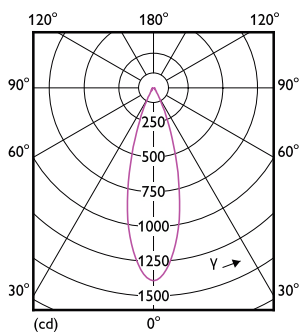
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Full product name	MASTER LED ExpertColor 6.7-35W MR16 927 36D
Full EOC	871951435859100
Order code	35859100
Material no. (12 NC)	929003079402
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514358591
Numerator – packs per outer box	10
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Dimensional drawing

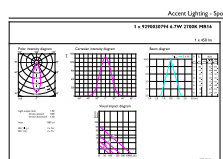


Product	D	C
MAS LED ExpertColor 6.7-35W MR16 927 36D	50.5 mm	46 mm

Photometric data



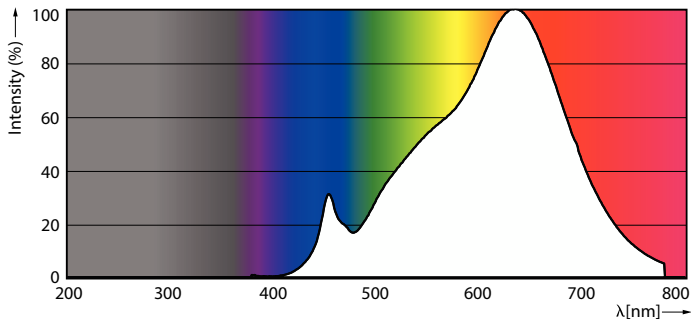
Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 927 36D



Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 927 36D

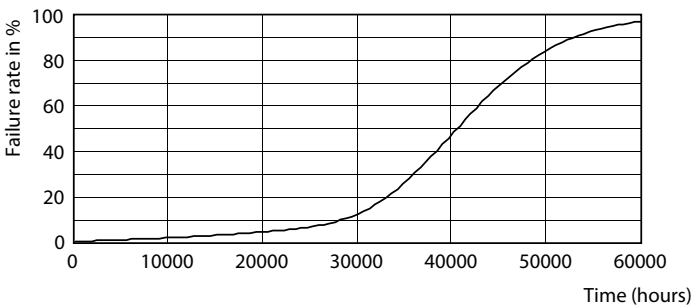
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Photometric data

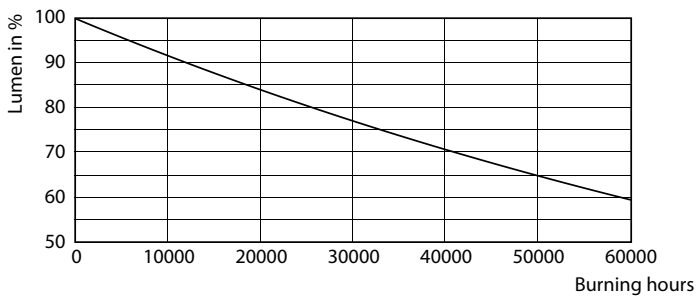


Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 927 36D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 927 36D

