



MASTER LED spot ExpertColor LV



MAS LED ExpertColor 6.7-35W MR16 927 60D

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
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	410 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	59.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97

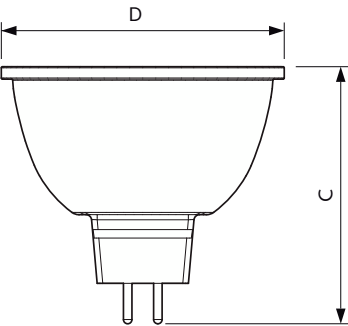
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	400 lm
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
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 °C

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Controls and Dimming	
Dimmable	Only with specific dimmers
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/1000 h	7 kWh
EPREL Registration Number	624205
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
can it be used in closed luminaires	No

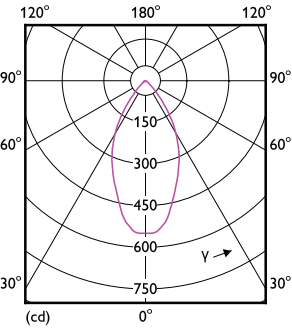
Product Data	
Order product name	MAS LED ExpertColor 6.7-35W MR16 927 60D
Full product name	MAS LED ExpertColor 6.7-35W MR16 927 60D
Full product code	871951435877500
Order code	929003078502
Material Nr. (12NC)	929003078502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514358775
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514358782

Dimensional drawing

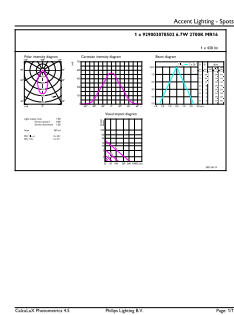


Product	D	C
MAS LED ExpertColor 6.7-35W MR16 927 60D	50.5 mm	46 mm

Photometric data



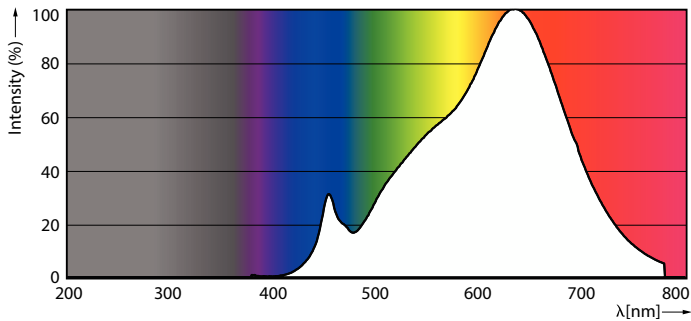
Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 927 60D



Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 927 60D

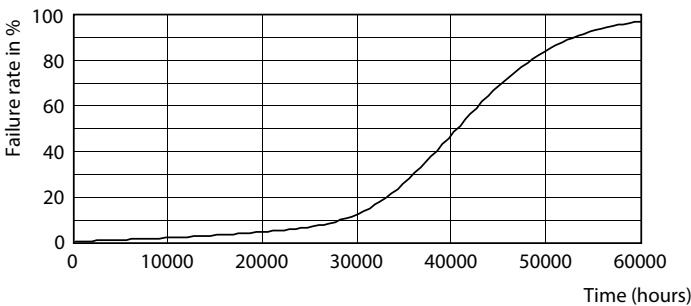
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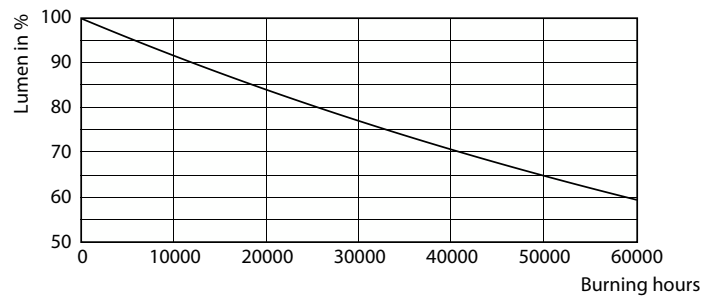


Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 927 60D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 927 60D

