



MASTER LEDspot ExpertColor LV

MAS LED ExpertColor 7.5-43W MR16 927 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		Luminous Flux in 90° Cone (Rated)	
Cap-Base	GU5.3 [GU5.3]		485 lm
Nominal lifetime	40,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	- Hz
Lighting Technology	LED	Input Frequency	- Hz
EU RoHS compliant	Yes	Power Consumption	7.5 W
Light Technical		Lamp Current (Nom)	880 mA
Color Code	927	Wattage Equivalent	43 W
Beam Angle (Nom)	36 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	485 lm	Warm-up time to 60% light	0.5 s
Luminous Intensity (Nom)	1,400 cd	Power Factor (Fraction)	0.7
Color Designation	Warm White (WW)	Voltage (Nom)	ac electronic 12 V
Correlated Color Temperature (Nom)	2700 K	Temperature	
Luminous Efficacy (rated) (Nom)	64.67 lm/W	T-Case Maximum (Nom)	93 °C
Color Consistency	<3		
Color rendering index (CRI)	92		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]
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Approval and Application

Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	9 kWh
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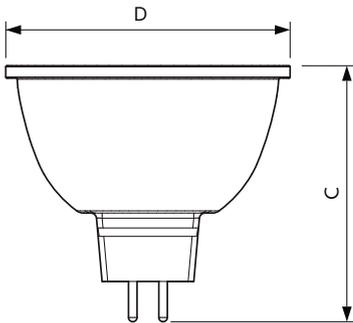
EyeComfort	Yes
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Product Data

Order product name	MAS LED ExpertColor 7.5-43W MR16 927 36D
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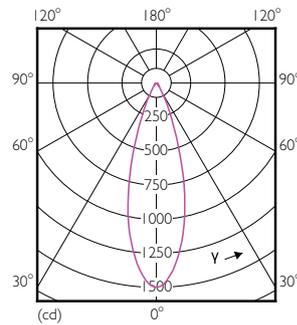
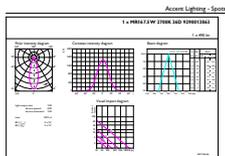
Full product name	MAS LED ExpertColor 7.5-43W MR16 927 36D
Full product code	871869673544200
Order code	929001386302
Material Nr. (12NC)	929001386302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696735442
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696735459

Dimensional drawing



Product	D	C
MAS LED ExpertColor 7.5-43W MR16 927 36D	50.5 mm	46 mm

Photometric data

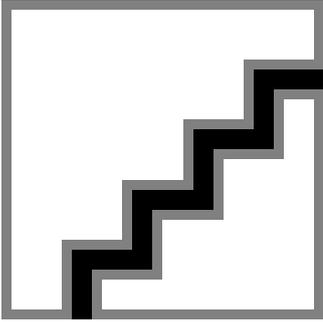


Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 927 36D

Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D

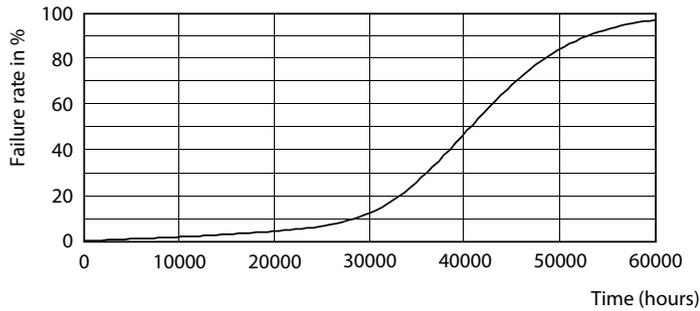
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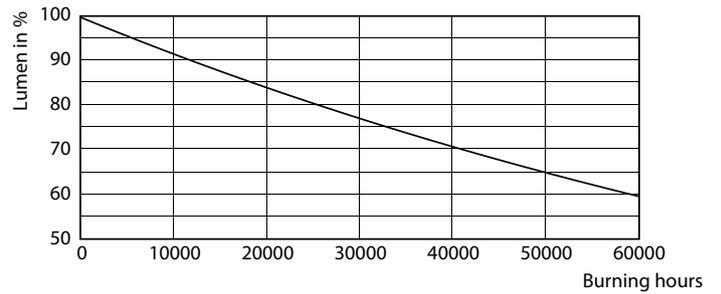


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D

