



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 6.5-35W 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 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		Luminous flux in 90° cone (rated)	
Cap base	GU5.3 [GU5.3]		400 lm
Nominal lifetime	40,000 h	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	- Hz
Lighting Technology	LED	Input frequency	- Hz
EU RoHS compliant	Yes	Power Consumption	6.5 W
Light Technical		Lamp current (nom.)	800 mA
Colour Code	927	Wattage equivalent	35 W
Beam angle (nom.)	60 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	400 lm	Warm-up time to 60% light	0.5 s
Luminous intensity (nom.)	410 cd	Power Factor (Fraction)	0.7
Colour designation	Warm White (WW)	Voltage (nom.)	ac electronic 12 V
Correlated Colour Temperature	2700 K	Temperature	
Luminous efficacy (rated) (nom.)	61.54 lm/W	T-Case maximum (nom.)	90 °C
Colour consistency	<3		
Colour rendering index (CRI)	97		
LLMF at end of nominal lifetime (nom.)	70 %		

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Controls and Dimming

Dimmable Yes

Mechanical and Housing

Bulb shape MR16 [2 inch/50 mm]

Approval and Application

Suitable for accent lighting Yes

Energy consumption kWh/1,000 hours 8 kWh

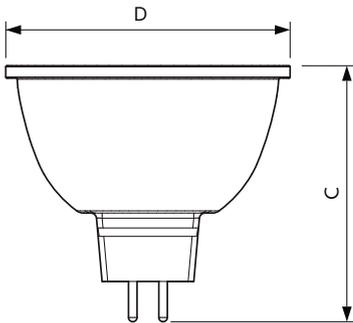
EyeComfort Yes

Product Data

Order product name MAS LED ExpertColor 6.5-35W MR16 927 60D

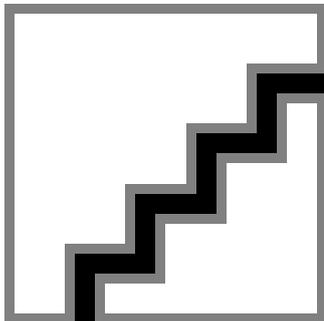
Full product name	MASTER LED ExpertColor 6.5-35W MR16 927 60D
Full EOC	871869675751200
Order code	75751200
Material no. (12 NC)	929001341402
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696757512
Numerator – packs per outer box	10
EAN/UPC – Case	8718696757529

Dimensional drawing

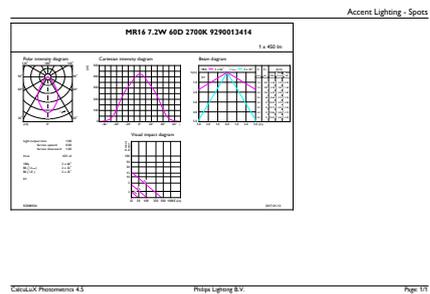


Product	D	C
MAS LED ExpertColor 6.5-35W MR16 927 60D	50.5 mm	46 mm

Photometric data



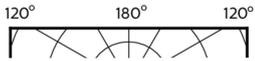
Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 927 60D



Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 927 60D

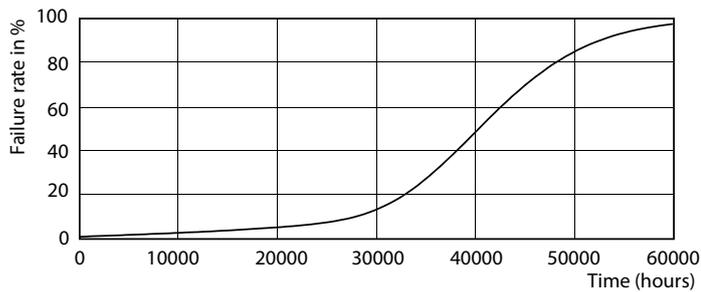
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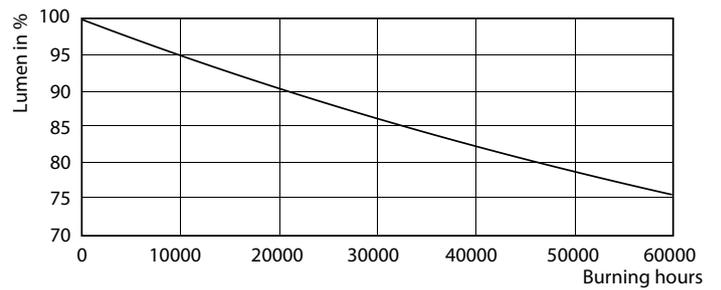


Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 927 60D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 927 60D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 927 60D

