



MASTER LEDspot ExpertColor LV



MASTER 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 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

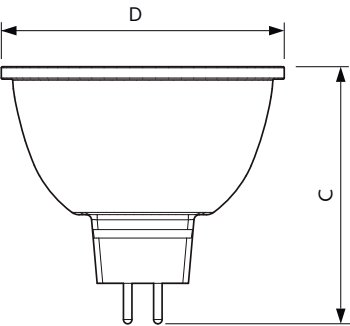
General Information		Colour rendering index (CRI)	
Cap base	GU5.3		92
Nominal lifetime	40,000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching Cycle	50,000	Luminous flux in 90° cone (rated)	485 lm
Lighting Technology	LED	Photobiological safety according to EN 62471	RG1
Flux measurement reference	Narrow Cone	Operating and Electrical	
CE mark	Yes	Line Frequency	- Hz
EU RoHS compliant	Yes	Input frequency	- Hz
Light Technical		Power Consumption	7.5 W
Colour Code	927 [CCT of 2700K]	Lamp current (nom.)	720 mA
Beam angle (nom.)	36 degree(s)	Wattage equivalent	43 W
Luminous Flux	485 lm	Starting time (nom.)	0.5 s
Luminous intensity (nom.)	1,400 cd	Warm-up time to 60% light	0.5 s
Colour designation	Warm White (WW)	Power Factor (Fraction)	0.7
Correlated Colour Temperature	2700 K	Voltage (nom.)	ac electronic 12 V
Luminous efficacy (rated) (nom.)	64 lm/W		
Colour consistency	<3		

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Temperature	
T-Case maximum (nom.)	93 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	MR16
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	624206
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No

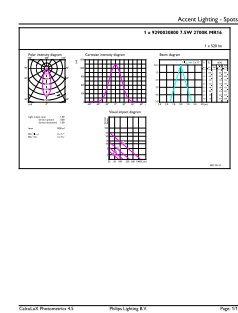
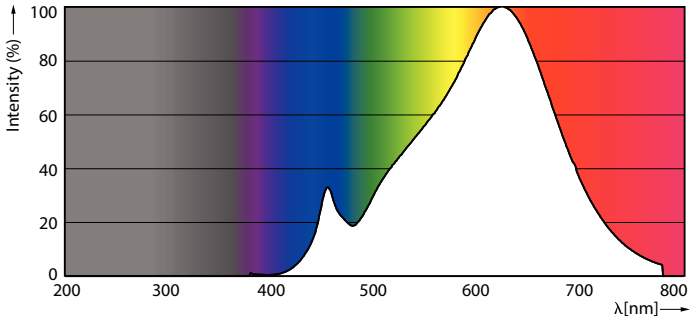
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 927 36D
Full product name	MASTER LED ExpertColor 7.5-43W MR16 927 36D
Full EOC	871951435871300
Order code	35871300
Material no. (12 NC)	929003080002
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514358713
Numerator – packs per outer box	10
EAN/UPC – Case	8719514358720

Dimensional drawing



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

Photometric data

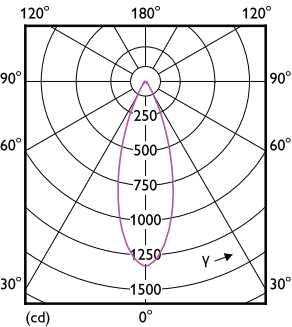


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 36D

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

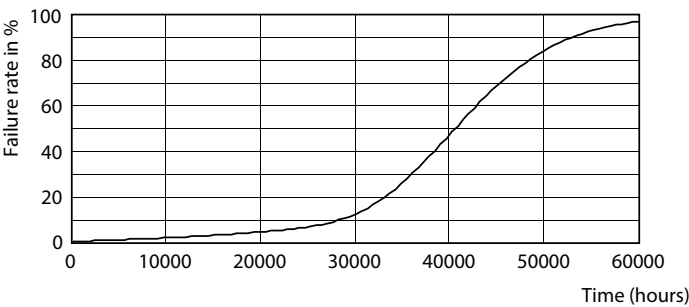
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Photometric data

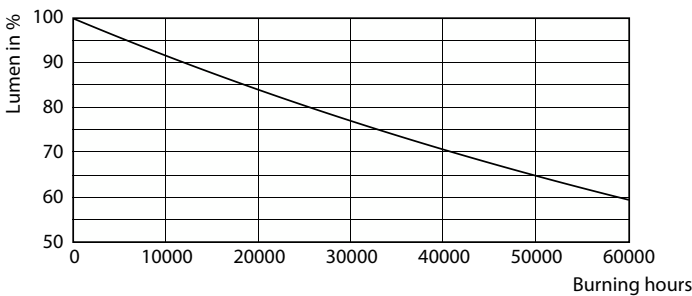


Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D

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

