

MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 7.5-43W MR16 940 24D

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 [GU5.3]
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	24 degree(s)
Luminous Flux	520 lm
Luminous intensity (nom.)	2,800 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	69.33 lm/W
Colour consistency	<3
Colour rendering index (CRI)	92
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	520 lm

Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	7.5 W
Lamp current (nom.)	880 mA
Wattage equivalent	43 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.)	93 °C

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Controls and Dimming	
Dimmable	Yes

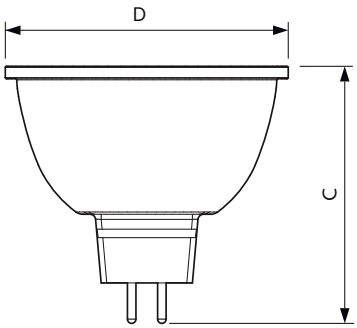
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]

Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	9 kWh
EyeComfort	Yes

Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 940 24D

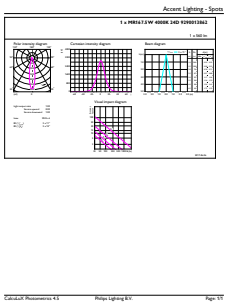
Full product name	MASTER LED ExpertColor 7.5-43W MR16 940 24D
Full EOC	871869673542800
Order code	73542800
Material no. (12 NC)	929001386202
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696735428
Numerator – packs per outer box	10
EAN/UPC - Case	8718696735435

Dimensional drawing

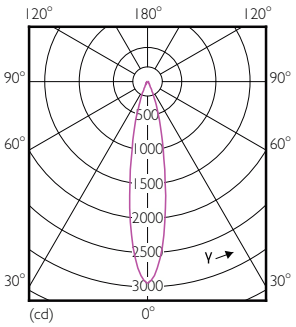


Product	D	C
MAS LED ExpertColor 7.5-43W MR16 940 24D	50.5 mm	46 mm

Photometric data



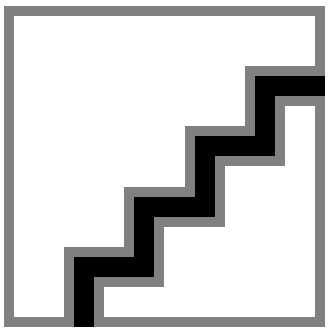
Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 940 24D



Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D

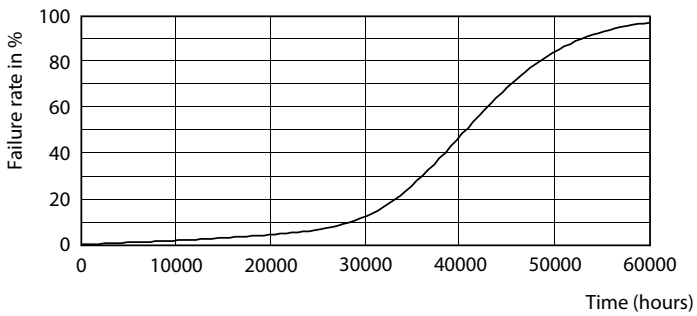
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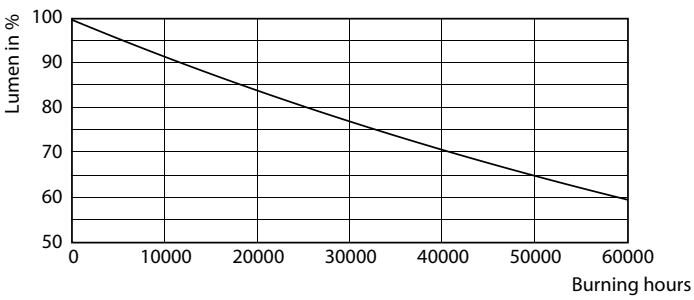


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 940 24D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D

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