



# 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	
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	927
Beam angle (nom.)	36 degree(s)
Luminous Flux	485 lm
Luminous intensity (nom.)	1,400 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	64.67 lm/W
Colour consistency	<3
Colour rendering index (CRI)	92
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	485 lm
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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

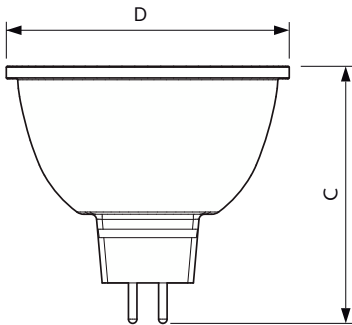
EyeComfort Yes

## Product Data

Order product name MAS LED ExpertColor 7.5-43W MR16 927 36D

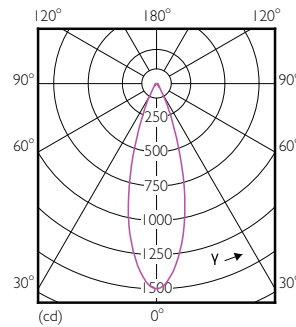
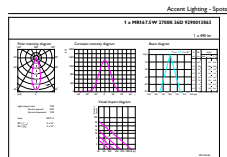
Full product name	MASTER LED ExpertColor 7.5-43W MR16 927 36D
Full EOC	871869673544200
Order code	73544200
Material no. (12 NC)	929001386302
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696735442
Numerator – packs per outer box	10
EAN/UPC – Case	8718696735459

## 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

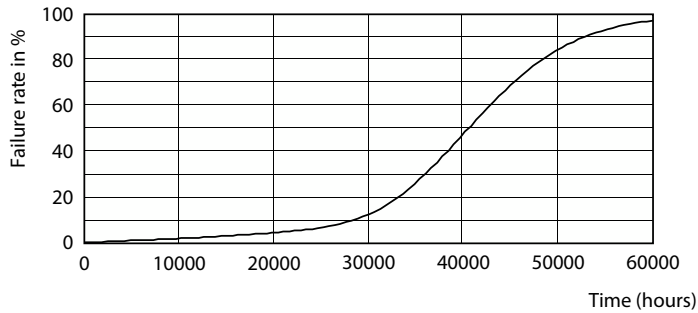
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## Photometric data

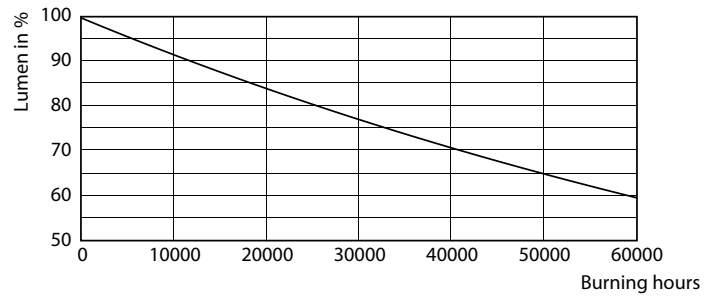


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 36D

## 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

