



# MASTER LEDspot ExpertColor LV

## MASTER LED ExpertColor 7.5-43W MR16 930 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		Luminous flux in 90° cone (rated)	
Cap base	GU5.3 [GU5.3]		500 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	7.5 W
Light Technical		Lamp current (nom.)	880 mA
Colour Code	930 [CCT of 3000K]	Wattage equivalent	43 W
Beam angle (nom.)	24 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	500 lm	Warm-up time to 60% light	0.5 s
Luminous intensity (nom.)	2,600 cd	Power Factor (Fraction)	0.7
Colour designation	White (WH)	Voltage (nom.)	ac electronic 12 V
Correlated Colour Temperature	3000 K	Temperature	
Luminous efficacy (rated) (nom.)	66.67 lm/W	T-Case maximum (nom.)	93 °C
Colour consistency	<3		
Colour rendering index (CRI)	92		
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 9 kWh

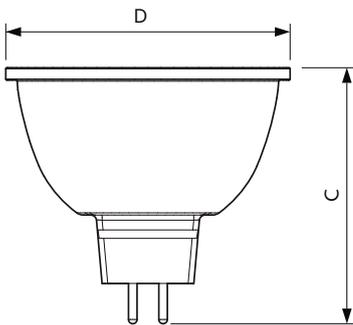
EyeComfort Yes

## Product Data

Order product name MAS LED ExpertColor 7.5-43W MR16 930 24D

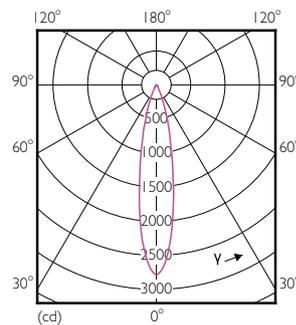
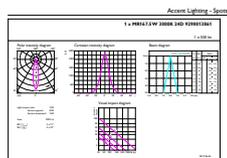
Full product name	MASTER LED ExpertColor 7.5-43W MR16 930 24D
Full EOC	871869673540400
Order code	73540400
Material no. (12 NC)	929001386102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696735404
Numerator – packs per outer box	10
EAN/UPC – Case	8718696735411

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 7.5-43W MR16 930 24D	50.5 mm	46 mm

## Photometric data

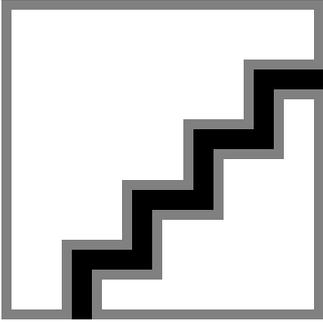


Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 930 24D

Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 930 24D

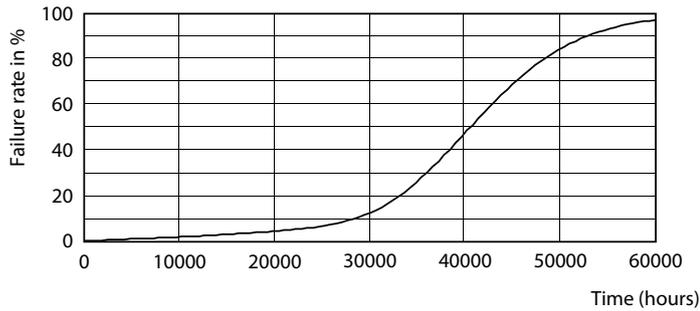
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## Photometric data

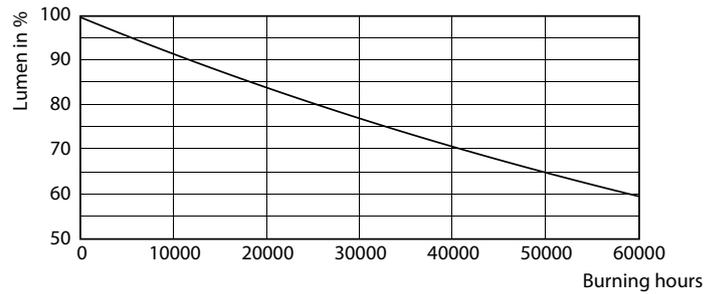


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 930 24D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 930 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 930 24D

