



# MASTER LEDspot ExpertColor LV

## MASTER LED ExpertColor 6.5-35W MR16 930 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		Luminous flux in 90° cone (rated)	
Cap base	GU5.3 [GU5.3]		440 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	930 [CCT of 3000K]	Wattage equivalent	35 W
Beam angle (nom.)	36 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	440 lm	Warm-up time to 60% light	0.5 s
Luminous intensity (nom.)	1,400 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.)	67.69 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

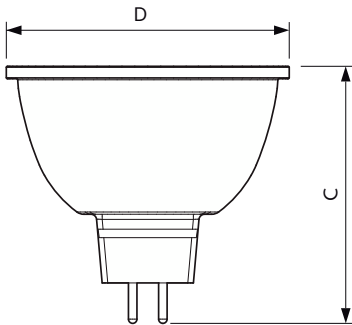
EyeComfort Yes

## Product Data

Order product name MAS LED ExpertColor 6.5-35W MR16 930 36D

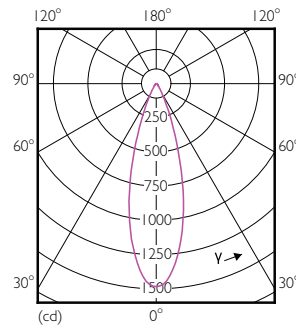
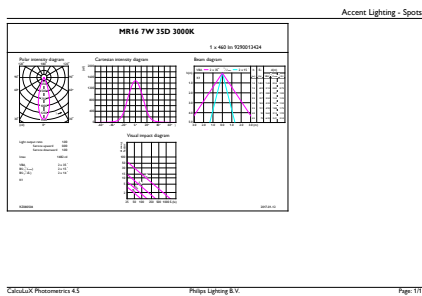
Full product name	MASTER LED ExpertColor 6.5-35W MR16 930 36D
Full EOC	871869673885600
Order code	73885600
Material no. (12 NC)	929001342402
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696738856
Numerator – packs per outer box	10
EAN/UPC – Case	8718696738863

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 6.5-35W MR16 930 36D	51 mm	46 mm

## Photometric data

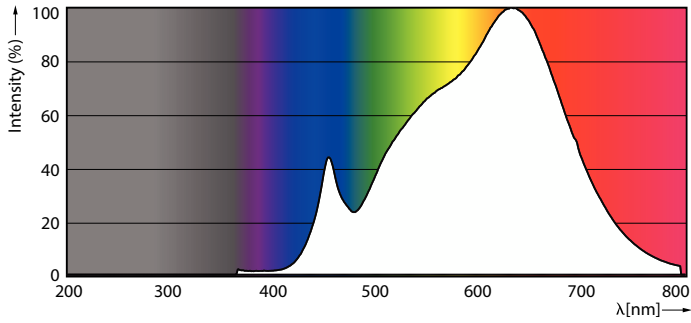


Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 930 36D

Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D

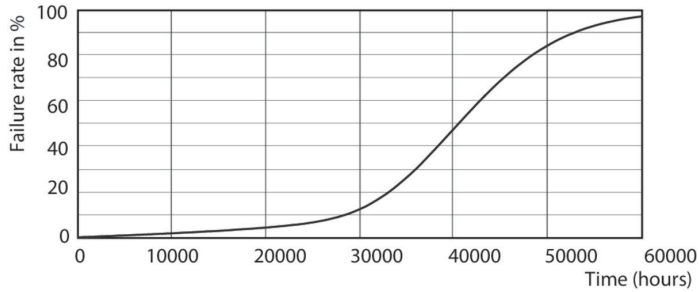
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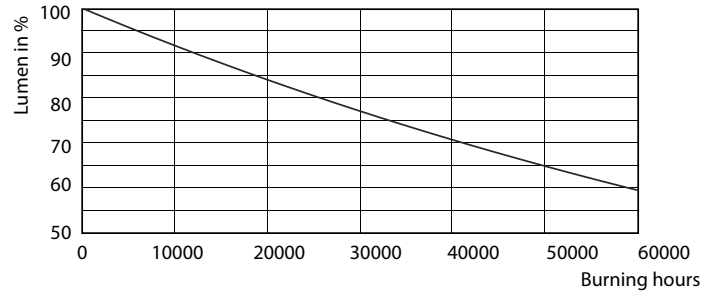


Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 930 36D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D

