



# MASTER LEDspot ExpertColor LV

## MASTER LED ExpertColor 6.5–35W MR16 927 10D

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

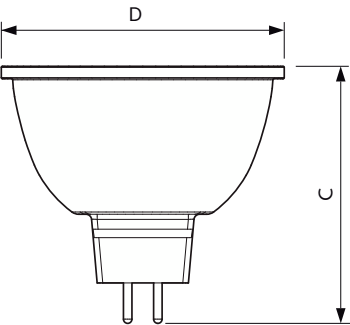
General Information	
Cap base	GU5.3 [GU5.3]
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	927
Beam angle (nom.)	10 degree(s)
Luminous Flux	410 lm
Luminous intensity (nom.)	4,600 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	63.00 lm/W
Colour consistency	<3
Colour rendering index (CRI)	97
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	410 lm
Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	6.5 W
Lamp current (nom.)	800 mA
Wattage equivalent	35 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.)	90 °C

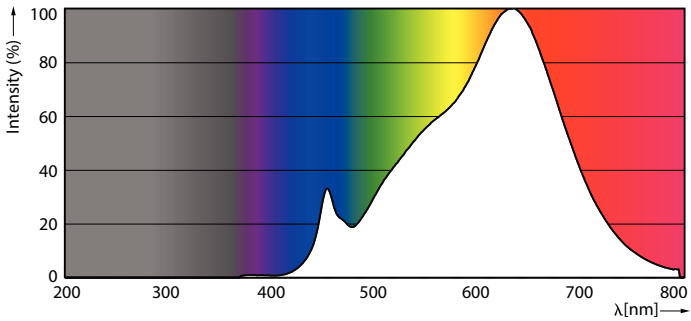
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	8 kWh
EyeComfort	Yes
Product Data	
Order product name	MAS LED ExpertColor 6.5-35W MR16 927 10D

Dimensional drawing



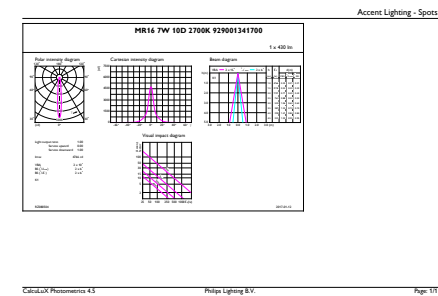
Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 927 10D

Full product name	MASTER LED ExpertColor 6.5-35W MR16 927 10D
Full EOC	871869673871900
Order code	73871900
Material no. (12 NC)	929001341702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696738719
Numerator – packs per outer box	10
EAN/UPC – Case	8718696738726

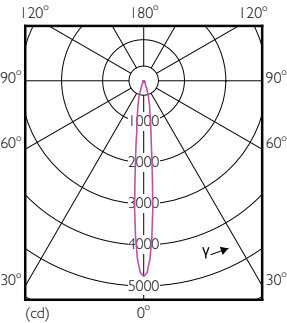
Product	D	C
MAS LED ExpertColor 6.5-35W MR16 927 10D	51 mm	46 mm



Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 927 10D

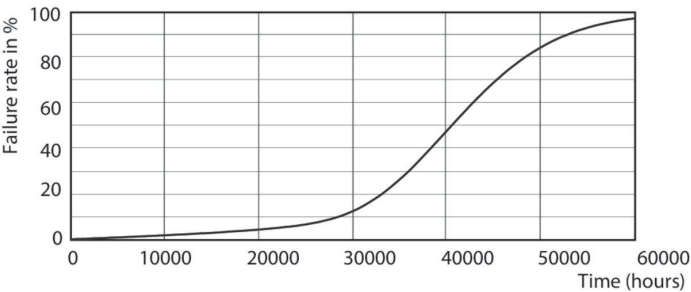
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## Photometric data

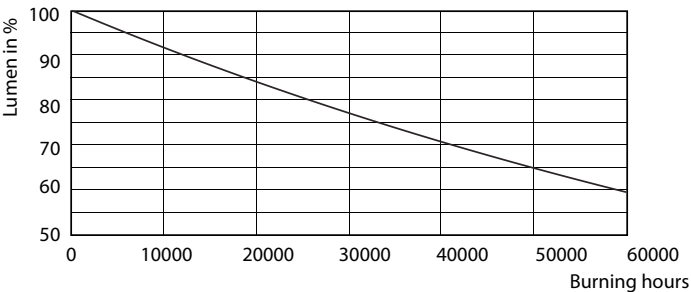


Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 927 10D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 927 10D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 927 10D

