



# 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 customized 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 and LEDspot Par lamps.

### Product data

General Information		Luminous Flux in 90° Cone (Rated)	
Cap-Base	GU5.3 [GU5.3]		410 lm
Nominal lifetime	40,000 hour(s)	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
Color Code	927	Wattage Equivalent	35 W
Beam Angle (Nom)	10 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	410 lm	Warm-up time to 60% light	0.5 s
Luminous Intensity (Nom)	4,600 cd	Power Factor (Fraction)	0.7
Color Designation	Warm White (WW)	Voltage (Nom)	ac electronic 12 V
Correlated Color Temperature (Nom)	2700 K	Temperature	
Luminous Efficacy (rated) (Nom)	63.00 lm/W	T-Case Maximum (Nom)	90 °C
Color Consistency	<3		
Color rendering index (CRI)	97		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]
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## Approval and Application

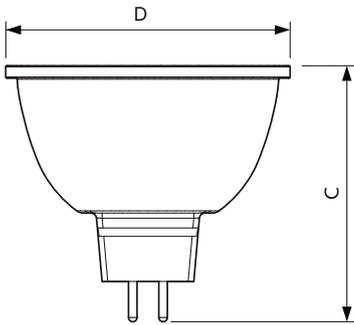
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
EyeComfort	Yes

## Product Data

Order product name	MAS LED ExpertColor 6.5-35W MR16 927 10D
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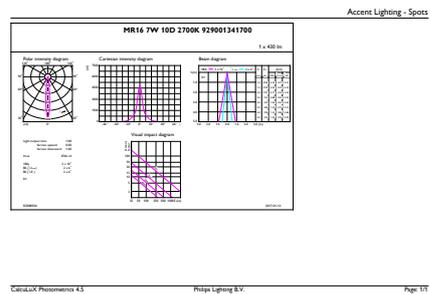
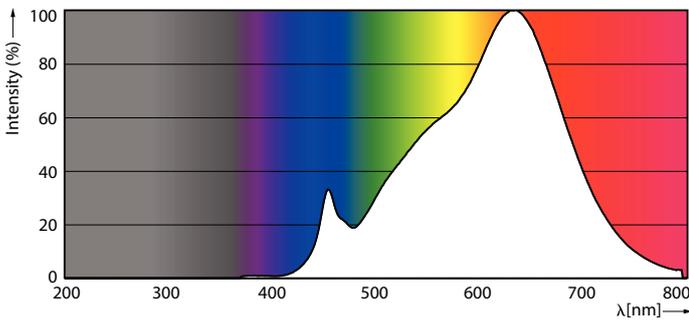
Full product name	MASTER LED ExpertColor 6.5-35W MR16 927 10D
Full product code	871869673871900
Order code	73871900
Material Nr. (12NC)	929001341702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696738719
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696738726

## Dimensional drawing



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

## Photometric data

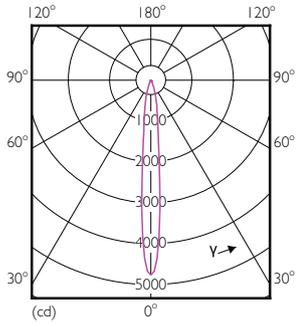


Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 927 10D

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

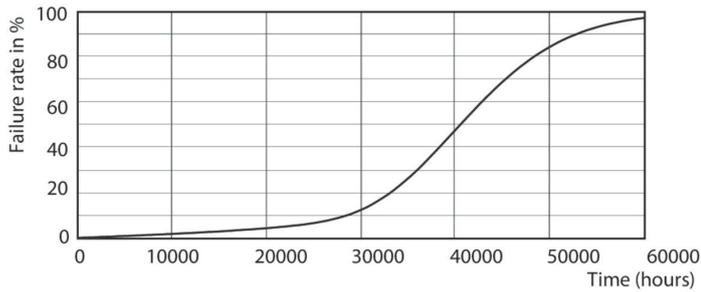
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## Photometric data

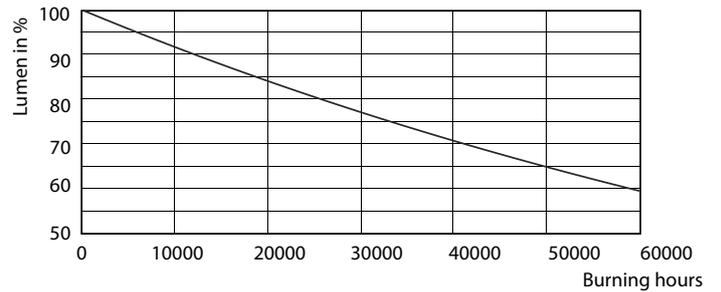


Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 927 10D

## 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

