



MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 927 60D

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

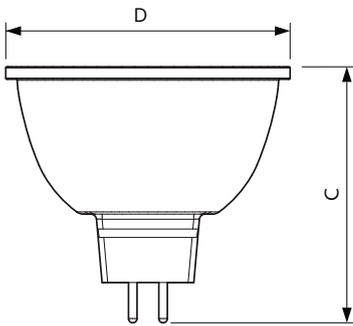
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	GU5.3 [GU5.3]		
Nominal lifetime	40,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	- Hz
Lighting Technology	LED	Input Frequency	- Hz
EU RoHS compliant	Yes	Power Consumption	7.2 W
Light Technical		Lamp Current (Nom)	800 mA
Color Code	927	Wattage Equivalent	50 W
Beam Angle (Nom)	60 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	450 lm	Warm-up time to 60% light	1 s
Luminous Intensity (Nom)	410 cd	Power Factor (Fraction)	0.7
Color Designation	Warm White (WW)	Voltage (Nom)	12 V
Correlated Color Temperature (Nom)	2700 K	Temperature	
Luminous Efficacy (rated) (Nom)	62.50 lm/W	T-Case Maximum (Nom)	92 °C
Color Consistency	<3		
Color rendering index (CRI)	97		

MASTER LEDspot ExpertColor LV

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	MAS LED MR16 ExpertColor 7.2-50W 927 60D

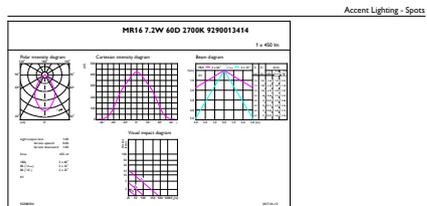
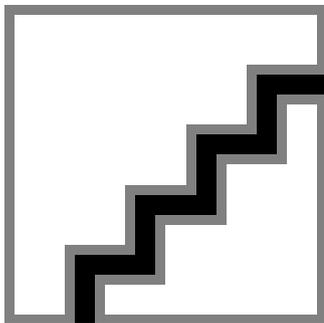
Full product name	MAS LED MR16 ExpertColor 7.2-50W 927 60D
Full product code	871869671950300
Order code	929001341408
Material Nr. (12NC)	929001341408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696719503
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696719510

Dimensional drawing



Product	D	C
MAS LED MR16 ExpertColor 7.2-50W 927 60D	50.5 mm	46 mm

Photometric data



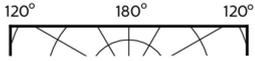
CalcUX Photonics 4.5 Philips Lighting B.V. Page 1/1

Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 927 60D

Accent Lighting Spots - MAS LED MR16 ExpertColor 7.2-50W 927 60D

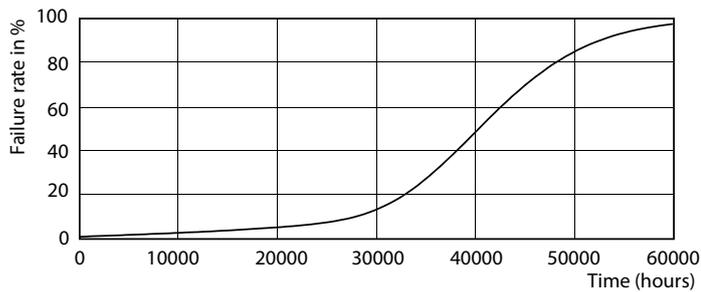
MASTER LEDspot ExpertColor LV

Photometric data

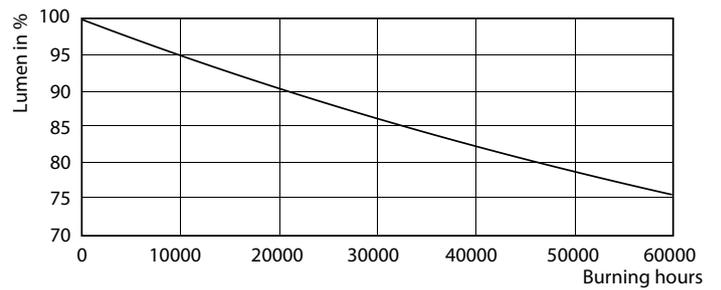


Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 927 60D

Lifetime



Life Expectancy Diagram - MAS LED MR16 ExpertColor 7.2-50W 927 60D



Lumen Maintenance Diagram - MAS LED MR16 ExpertColor 7.2-50W 927 60D

