



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 7.5–43W 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 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	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	500 lm
Luminous Intensity (Nom)	1,550 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66.67 lm/W
Color Consistency	<3
Color rendering index (CRI)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %

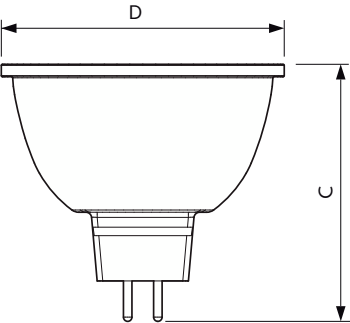
Luminous Flux in 90° Cone (Rated)	500 lm
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	880 mA
Wattage Equivalent	43 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	93 °C

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	9 kWh
EyeComfort	Yes
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 930 36D

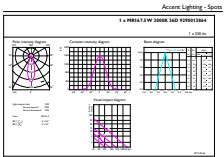
Full product name	MASTER LED ExpertColor 7.5-43W MR16 930 36D
Full product code	871869673546600
Order code	73546600
Material Nr. (12NC)	929001386402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696735466
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696735473

Dimensional drawing

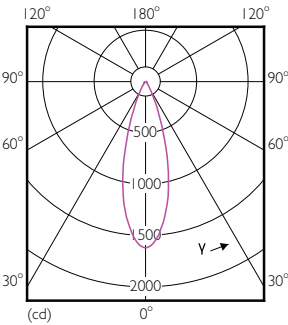


Product	D	C
MAS LED ExpertColor 7.5-43W MR16 930 36D	50.5 mm	46 mm

Photometric data



Calculated Photometric Data
Range Lighting 8.0
Page 10

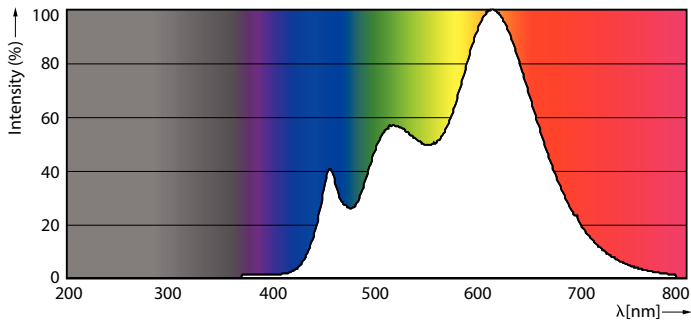


Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D

Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 930 36D

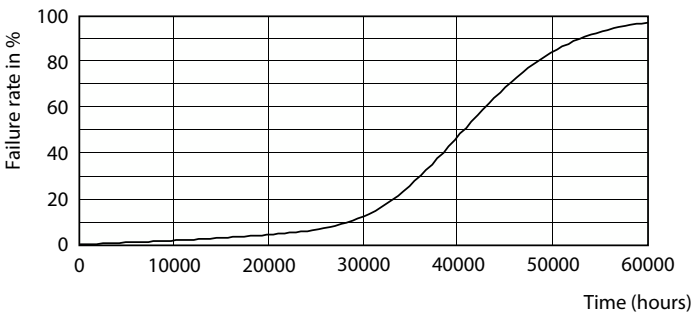
MASTER LEDspot ExpertColor LV

Photometric data

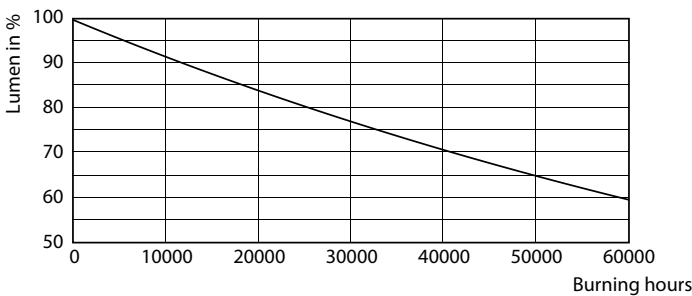


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 930 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D

