



# MASTER LEDspot ExpertColor LV

## MAS LED ExpertColor 7.5-43W MR16 940 24D

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	940 [CCT of 4000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	520 lm
Luminous Intensity (Nom)	2,800 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	69.33 lm/W
Color Consistency	<3
Color rendering index (CRI)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %

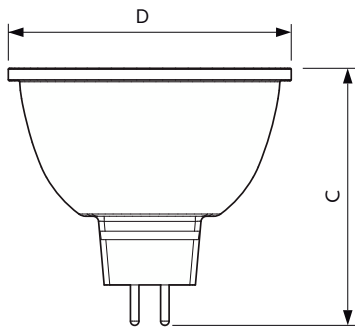
Luminous Flux in 90° Cone (Rated)	520 lm
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	880 mA
Wattage Equivalent	43 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	93 °C

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<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	MR16 [2inch/50mm]
<b>Approval and Application</b>	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	9 kWh
EyeComfort	Yes
<b>Product Data</b>	
Order product name	MAS LED ExpertColor 7.5-43W MR16 940 24D

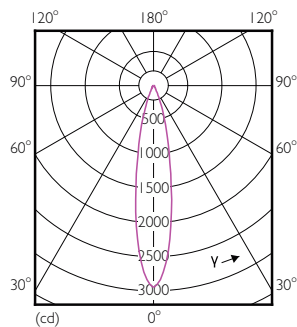
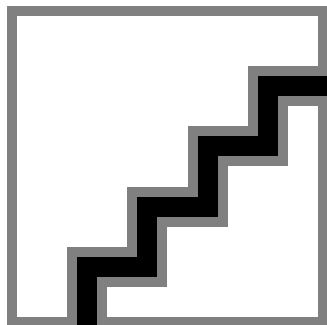
Full product name	MAS LED ExpertColor 7.5-43W MR16 940 24D
Full product code	871869673542800
Order code	929001386202
Material Nr. (12NC)	929001386202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696735428
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696735435

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 7.5-43W MR16 940 24D	50.5 mm	46 mm

## Photometric data



Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 940 24D

Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D

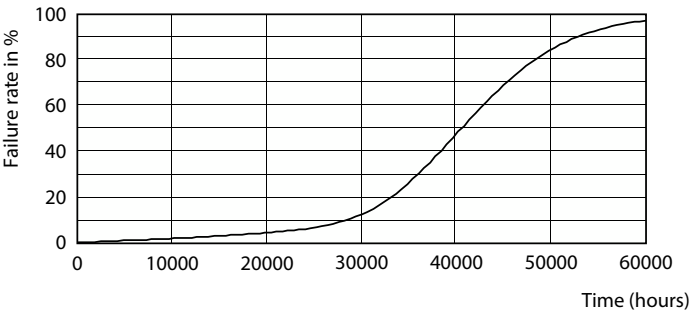
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## Photometric data

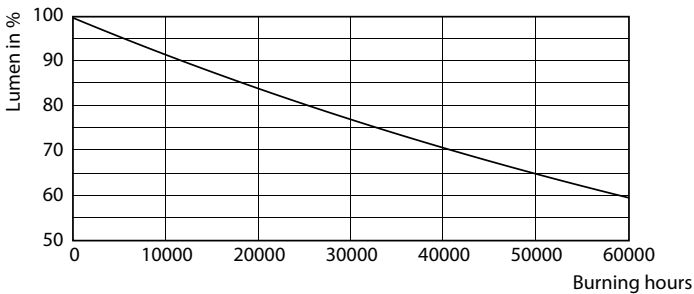


Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 940 24D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D

