



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	
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Switching Cycle	50,000
Nominal lifetime	40,000 hour(s)
Cap-Base	GU5.3 [GU5.3]
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	520 lumen
Luminous Intensity (Nom)	2,800 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	69.00 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 lumen
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	720 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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Controls and Dimming

Dimmable Only with specific dimmers

Mechanical and Housing

Bulb Shape MR16 [2inch/50mm]

Approval and Application

Energy Efficiency Class G

Suitable For Accent Lighting Yes

Energy Consumption kWh/1000 h 8 kWh

EPREL Registration Number 624212

CE mark Yes

EU RoHS compliant Yes

Product Data

Full product code 871951435869000

Order product name MAS LED ExpertColor 7.5-43W MR16 940 24D

Order code 929003079902

Numerator - Quantity Per Pack 1

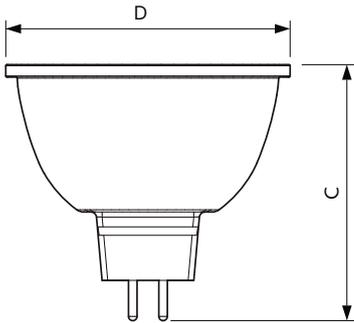
Numerator - Packs per outer box 10

Material number (12NC) 929003079902

Full product name MAS LED ExpertColor 7.5-43W MR16 940 24D

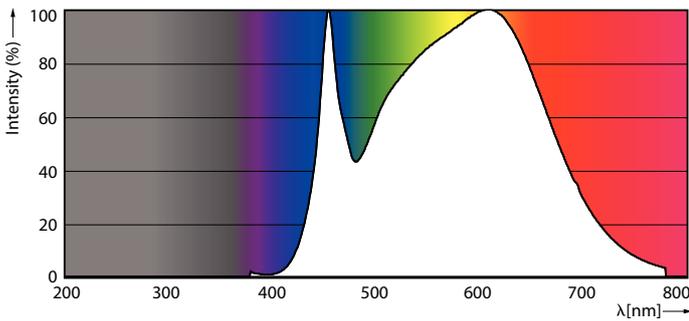
EAN/UPC - Case 8719514358706

Dimensional drawing

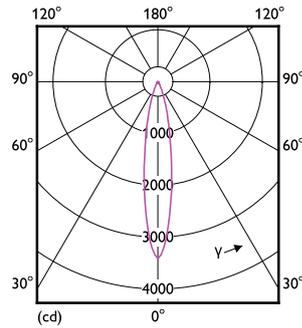


Product	D	C
MAS LED ExpertColor 7.5-43W MR16 940 24D	50.5 mm	46 mm

Photometric data



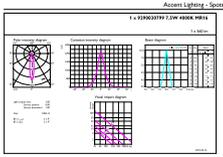
Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 940 24D



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

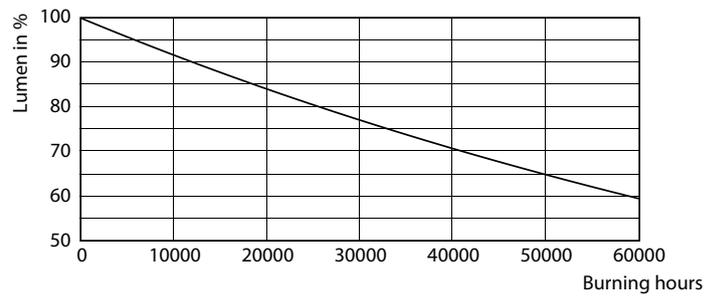
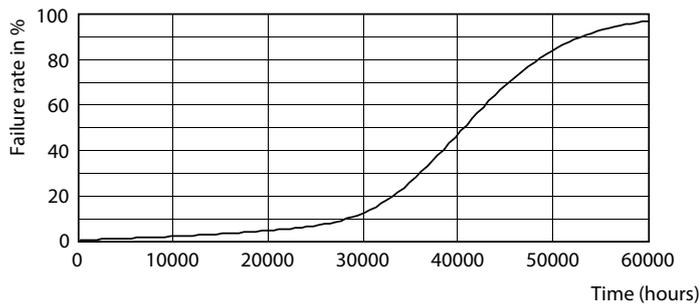
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Photometric data



Accent Lighting Spots - 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

