



MASTER LEDspot ExpertColor LV

MAS 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

Cap-Base GU5.3 [GU5.3] Nominal lifetime 40,000 hour(s) Switching Cycle 50,000 Lighting Technology LED Flux measurement reference Narrow Cone Light Technical Color Code 930 [CCT of 3000K] Beam Angle (Nom) 36 degree(s) Luminous Flux 500 lumen Luminous Intensity (Nom) 1,550 cd Color Designation White (WH)
Nominal lifetime 40,000 hour(s) Switching Cycle 50,000 Lighting Technology LED Flux measurement reference Narrow Cone Light Technical Color Code 930 [CCT of 3000K] Beam Angle (Nom) 36 degree(s) Luminous Flux 500 lumen Luminous Intensity (Nom) 1,550 cd
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Color Designation White (WH)
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Correlated Color Temperature (Nom) 3000 K
Luminous Efficacy (rated) (Nom) 66 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 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 ℃

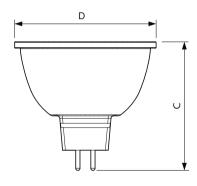
Datasheet, 2023, May 19 data subject to change

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Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	624,224
CE mark	Yes
EU RoHS compliant	Yes

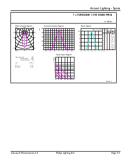
Product Data	
Full product code	871951435873700
Order product name	MAS LED ExpertColor 7.5-43W MR16 930 36D
Order code	929003080102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003080102
Full product name	MAS LED ExpertColor 7.5-43W MR16 930 36D
EAN/UPC - Case	8719514358744

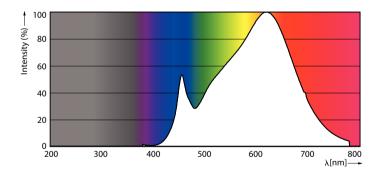
Dimensional drawing



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

Photometric data

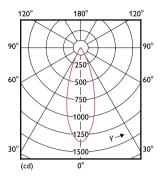




Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 930 36D

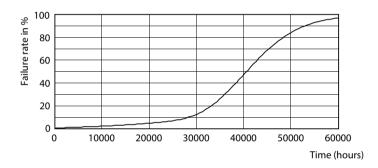
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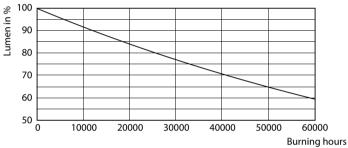
Photometric data



Light Distribution Diagram - 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



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