PHILIPS Lighting



MASTER LEDspot ExpertColor LV

MAS LED ExpertColor 6.7-35W MR16 930 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
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	440 lumen
Luminous Intensity (Nom)	2,200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	65.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

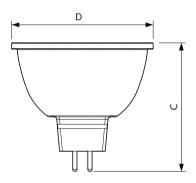
Luminous Flux in 90° Cone (Rated)	440 lumen
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	92 °C

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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	7 kWh
EPREL Registration Number	624,214
CE mark	Yes
EU RoHS compliant	Yes

Product Data	
Full product code	871951435855300
Order product name	MAS LED ExpertColor 6.7-35W MR16 930 24D
Order code	929003079202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003079202
Full product name	MAS LED ExpertColor 6.7-35W MR16 930 24D
EAN/UPC - Case	8719514358560

Dimensional drawing



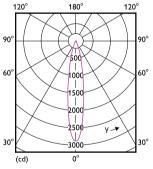
MAS LED ExpertColor 6.7-35W MR16 930 24D 50.5 mm 46 mm

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180° 120°

Photometric data



Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D

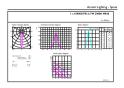
100 t Intensity (%) 80 60 40 20 0 200 800 λ[nm]—► 300 400 500 600 700

Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 930 24D

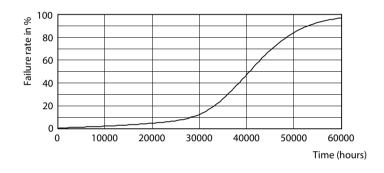
Product

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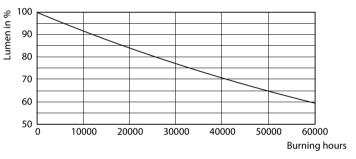
Photometric data



Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



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