PHILIPS Lighting



MASTER LEDspot ExpertColor LV

MAS LED ExpertColor 6.7-35W MR16 927 10D

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	927 [CCT of 2700K]
Beam Angle (Nom)	10 degree(s)
Luminous Flux	410 lumen
Luminous Intensity (Nom)	4,600 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	61.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

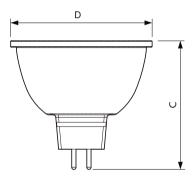
Luminous Flux in 90° Cone (Rated)	410 lumen
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	92 ℃

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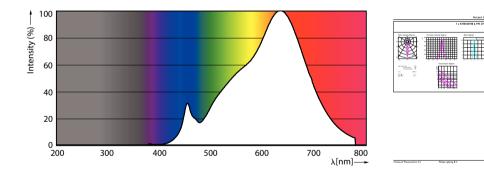
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	624,220
CE mark	Yes
EU RoHS compliant	Yes

Product Data	
Full product code	871951435847800
Order product name	MAS LED ExpertColor 6.7-35W MR16 927 10D
Order code	929003078802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003078802
Full product name	MAS LED ExpertColor 6.7-35W MR16 927 10D
EAN/UPC - Case	8719514358485

Dimensional drawing



Photometric data

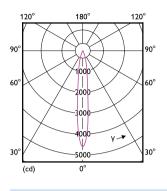


Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 927 10D
 Product
 D
 C

 MAS LED ExpertColor 6.7-35W MR16 927 10D
 50.5 mm
 46 mm

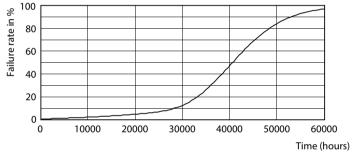
MASTER LEDspot ExpertColor LV

Photometric data



Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 927 10D

Lifetime





10000

100

90

80

70

60

50 L

Lumen in %

Life Expectancy Diagram - MAS LED ExpertColor 6.7-35W MR16 927 10D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 927 10D

30000

40000

50000

60000

Burning hours

20000



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