



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 6.5–35W MR16 940 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

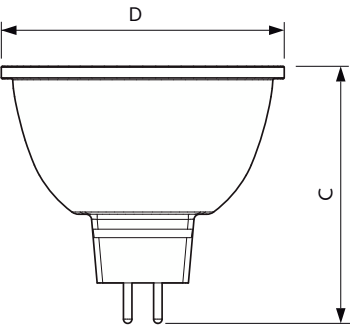
General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	460 lm
Luminous Intensity (Nom)	1,400 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70.77 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	460 lm
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.5 W
Lamp Current (Nom)	800 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)	90 °C

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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
EyeComfort	Yes

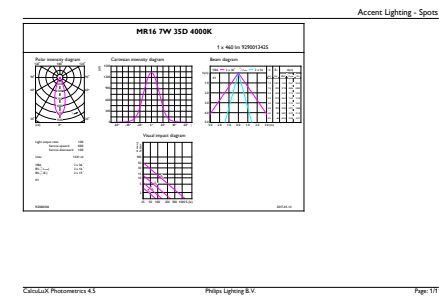
Product Data	
Order product name	MAS LED ExpertColor 6.5-35W MR16 940 36D

Dimensional drawing

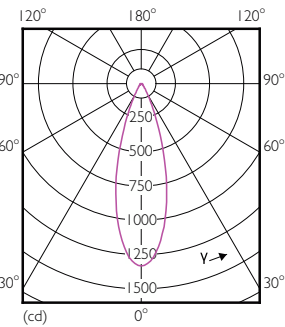


Product	D	C
MAS LED ExpertColor 6.5-35W MR16 940 36D	51 mm	46 mm

Photometric data



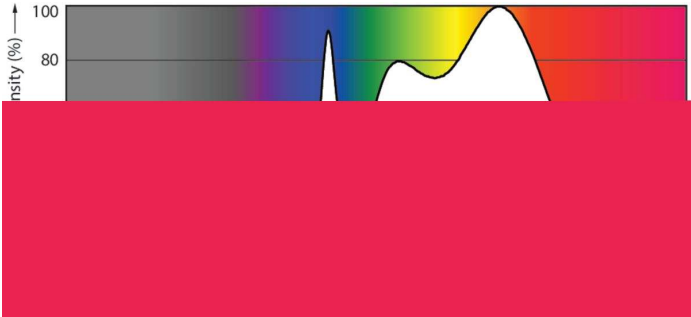
Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 940 36D



Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 940 36D

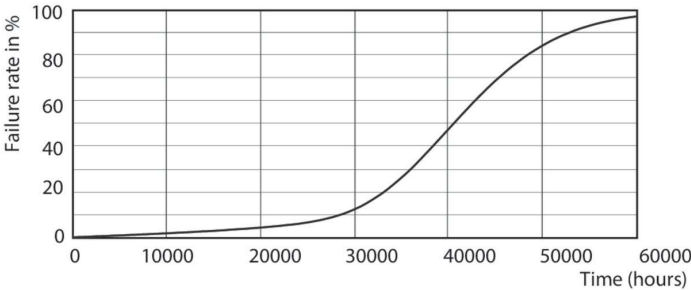
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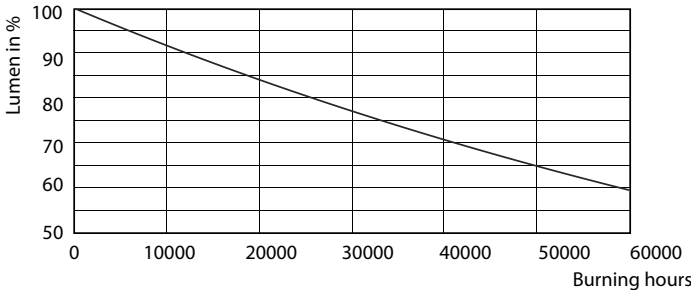


Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 940 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 940 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 940 36D

