



MASTER LED spot ExpertColor LV



MAS LED ExpertColor 6.7-35W MR16 940 36D

MASTER, LEDspot, MR16, 35 W, GU5.3, 4000 K, 460 lm, CRI 97, 40000 hour(s), Plastic

MASTER, LEDspot, MR16, 35 W, GU5.3, 4000 K, 460 lm, CRI 97, 40000 hour(s), Plastic, 68.00 lm/W, EEL G, PF 0.7, Beam angle 36 degree(s), RG1, IP20

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
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)	68.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

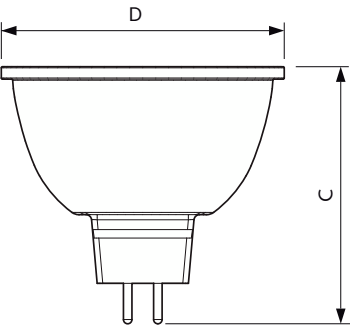
Luminous Flux in 90° Cone (Rated)	460 lm
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (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 Finish	Clear
Bulb Material	Plastic
Bulb Shape	MR16
Net Weight (Piece)	0.052 kg
Approval and Application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	624215
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +45 °C

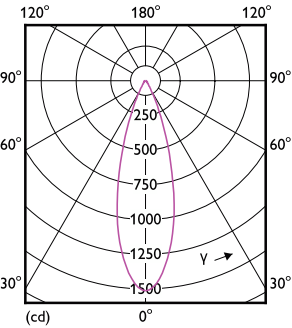
Application Conditions	
can it be used in closed luminaires	No
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LED ExpertColor 6.7-35W MR16 940 36D
Full product name	MAS LED ExpertColor 6.7-35W MR16 940 36D
Full product code	871951435863800
Order code	929003079602
Material Nr. (12NC)	929003079602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514358638
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514358645

Dimensional drawing

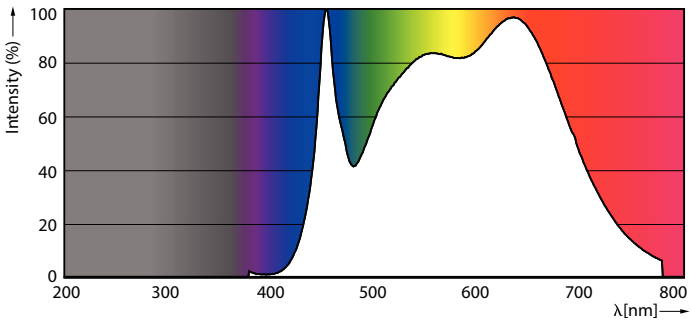


Product	D	C
MAS LED ExpertColor 6.7-35W MR16 940 36D	50.5 mm	46 mm

Photometric data



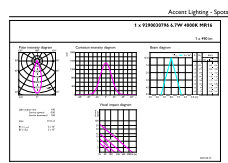
Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 940 36D



Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 940 36D

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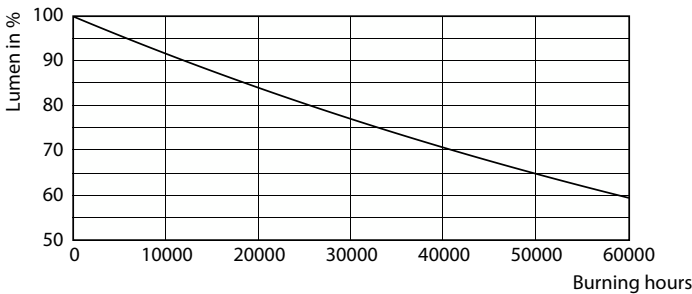
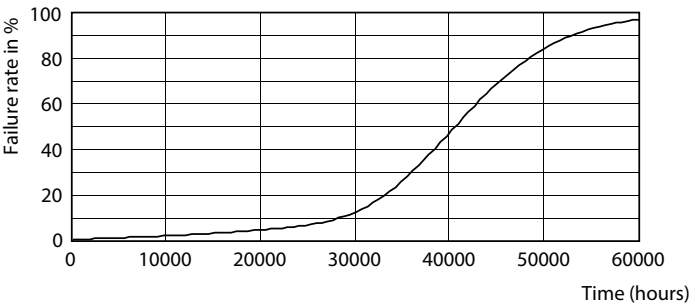
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Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 940 36D

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 940 36D

