



MASTER LED spot ExpertColor MV

MAS LED ExpertColor 3.9-35W GU10 940 36D

MASTER, LEDspot, PAR16, 35 W, GU10, 4000 K, 300 lm, CRI 97, 40000 h, Glass

MASTER, LEDspot, PAR16, 35 W, GU10, 4000 K, 300 lm, CRI 97, 40000 h, Glass, 76 lm/W, EEL F, PF 0.8, RG1, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap base	GU10
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	300 lm
Luminous intensity (nom.)	680 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	76 lm/W
Colour consistency	<3
Colour rendering index (CRI)	97
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	300 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	3.9 W
Lamp current (nom.)	22 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	56 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.038 kg

Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	391831
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C
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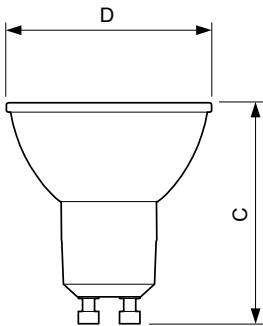
Application Conditions

Wireless Technology	Not applicable
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Product Data

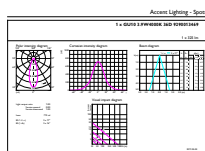
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Full product name	MAS LED ExpertColor 3.9-35W GU10 940 36D
Full EOC	871869670759300
Order code	929001346902
Material no. (12 NC)	929001346902
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707593
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707609

Dimensional drawing

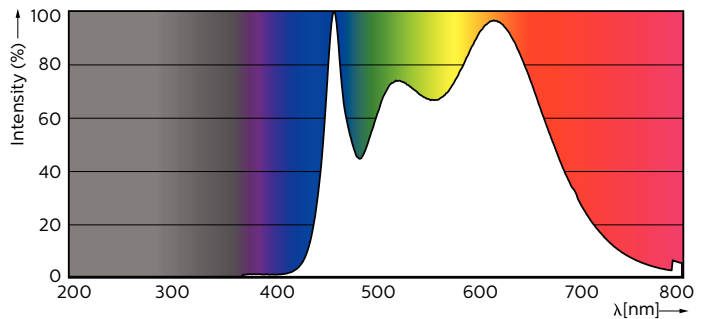


Product	D	C
MAS LED ExpertColor 3.9-35W GU10 940 36D	50 mm	54 mm

Photometric data



Source Information: 11 Photo Lighting: 11 Page: 11

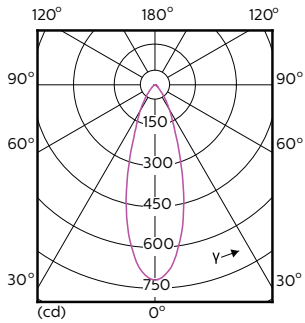


Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 940 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 940 36D

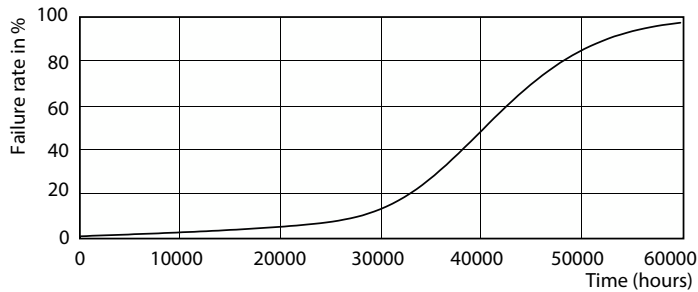
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Photometric data

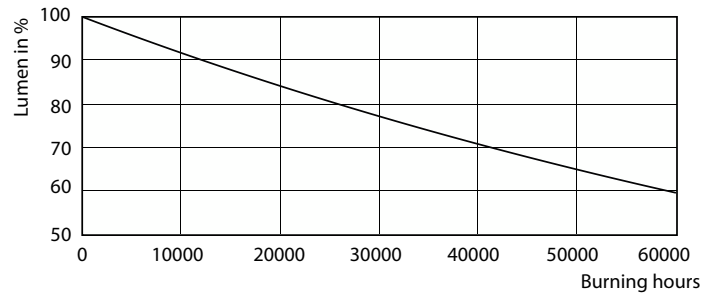


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

