



MASTER LED spot ExpertColor MV



MAS LED ExpertColor 5.5-50W GU10 940 36D

MASTER, LEDspot, PAR16, 50 W, GU10, 4000 K, 400 lm, CRI 97, 40000 hour(s), Glass

MASTER, LEDspot, PAR16, 50 W, GU10, 4000 K, 400 lm, CRI 97, 40000 hour(s), Glass, 72 lm/W, EEL F, PF 0.8, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

Product data

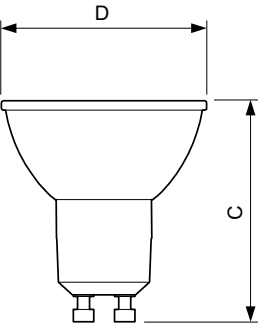
General Information	
Cap-Base	GU10
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	940 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	72 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	400 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	5.5 W
Lamp Current (Nom)	26 mA
Wattage Equivalent	50 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)	66 °C

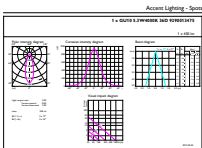
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Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.038 kg
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	391835
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Dimensional drawing



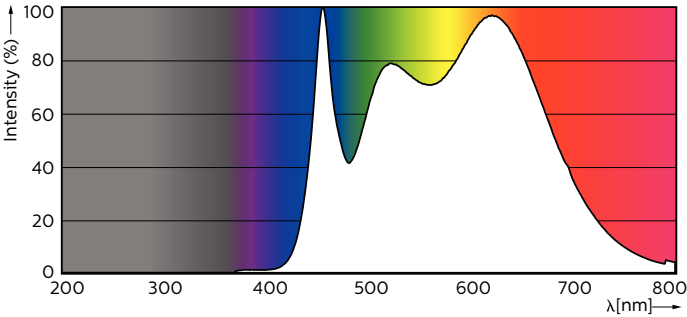
Photometric data



Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 940 36D

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 5.5-50W GU10 940 36D
Full product name	MAS LED ExpertColor 5.5-50W GU10 940 36D
Full product code	871869670771500
Order code	929001347502
Material Nr. (12NC)	929001347502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707715
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707722

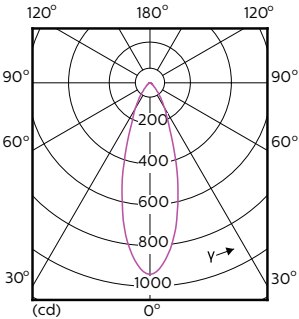
Product	D	C
MAS LED ExpertColor 5.5-50W GU10 940 36D	50 mm	54 mm



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 940 36D

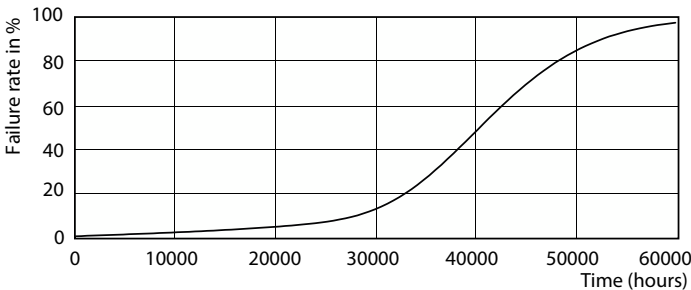
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Photometric data

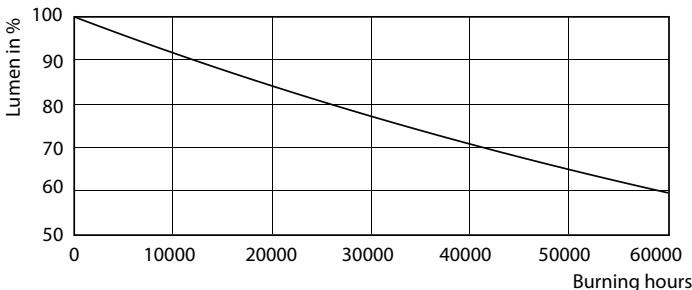


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

