MASTER LED spot ExpertColor MV

MAS LED ExpertColor 3.9-35W GU10 930 25D

MASTER, LEDspot, PAR16, 35 W, GU10, 3000 K, 280 lm, CRI 97, 40000 h, Glass

MASTER, LEDspot, PAR16, 35 W, GU10, 3000 K, 280 lm, CRI 97, 40000 h, Glass, 71 lm/W, EEL G, 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	930 [CCT of 3000K]
Beam angle (nom.)	25 degree(s)
Luminous Flux	280 lm
Luminous intensity (nom.)	850 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	71 lm/W
Colour consistency	<3
Colour rendering index (CRI)	97
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	280 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

Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.054 kg

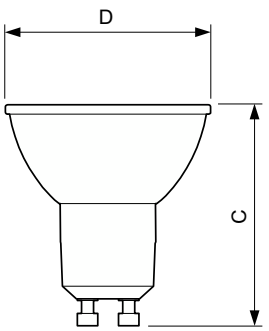
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	391828
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C

Application Conditions	
Wireless Technology	Not applicable

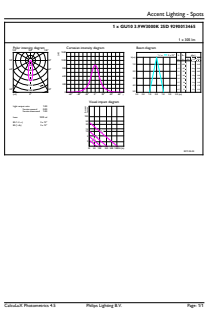
Product Data	
Order product name	MAS LED ExpertColor 3.9-35W GU10 930 25D
Full product name	MAS LED ExpertColor 3.9-35W GU10 930 25D
Full EOC	871869670751700
Order code	929001346502
Material no. (12 NC)	929001346502
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696707517
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707524

Dimensional drawing

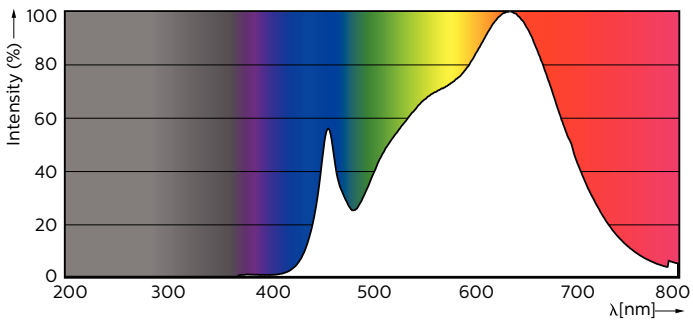


Product	D	C
MAS LED ExpertColor 3.9-35W GU10 930 25D	50 mm	54 mm

Photometric data



Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 930 25D



Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 930 25D

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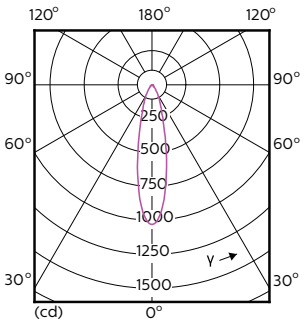
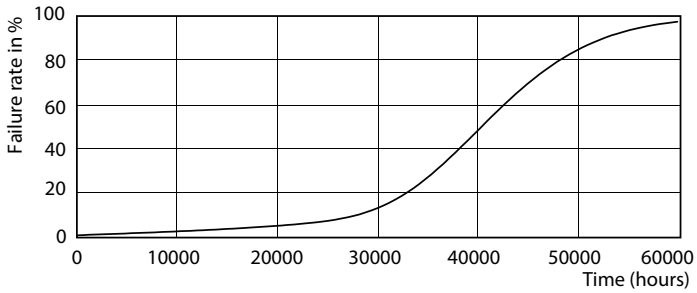
Photometric data

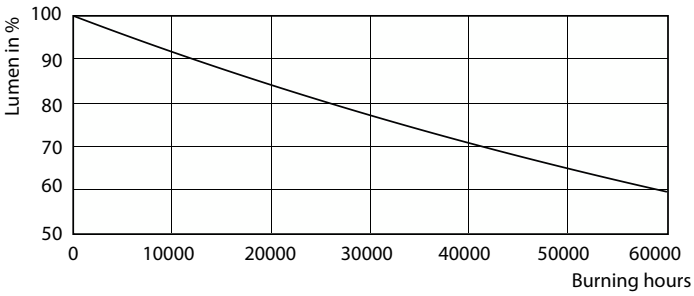


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 930 25D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W GU10 930 25D

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