



MASTER LED spot ExpertColor MV

MAS LED ExpertColor 3.9-35W GU10 930 36D

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

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also 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 LV lamps.

Product data

General Information	
Cap base	GU10
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Warranty period	5 years

Light Technical	
Colour Code	930 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	280 lm
Luminous intensity (nom.)	680 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

MASTER LED spot ExpertColor MV

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
-----------------------	-------

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	391830
CE mark	Yes

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

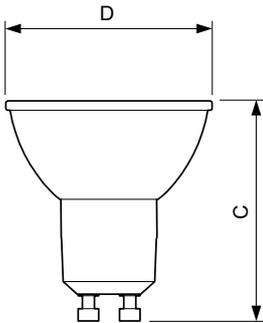
Application Conditions

Can it be used in closed luminaires	No
-------------------------------------	----

Product Data

Order product name	MAS LED ExpertColor 3.9-35W GU10 930 36D
Full product name	MAS LED ExpertColor 3.9-35W GU10 930 36D
Full EOC	871869670757900
Order code	929001346802
Material no. (12 NC)	929001346802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707579
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707586

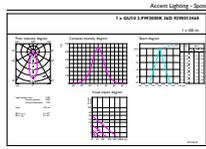
Dimensional drawing



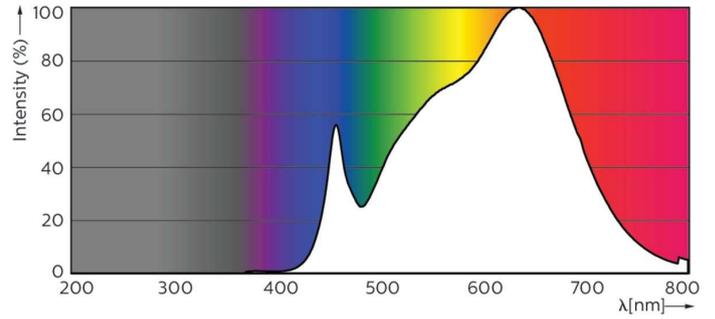
Product	D	C
MAS LED ExpertColor 3.9-35W GU10 930 36D	50 mm	54 mm

MASTER LED spot ExpertColor MV

Photometric data

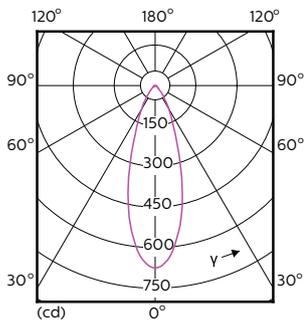


Technical Parameters 43 Photo Lighting 8.1 Page 17



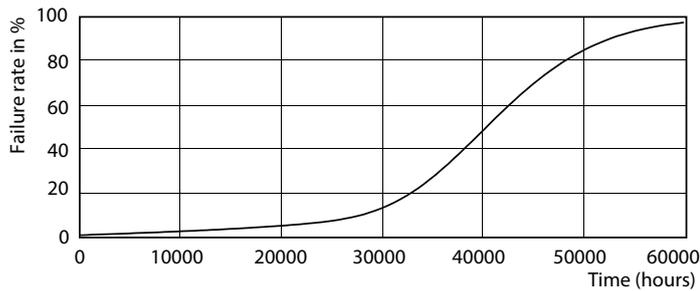
Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 930 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 930 36D

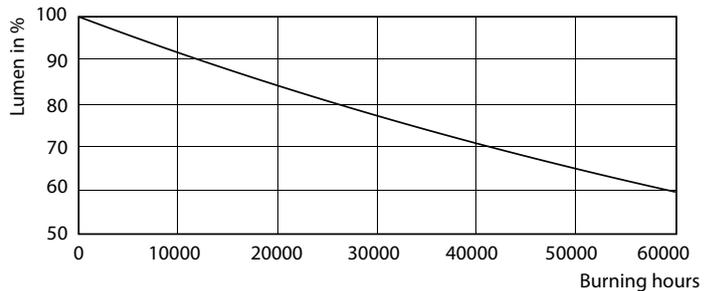


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D

MASTER LED spot ExpertColor MV

