MASTER LED spot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 927 36D

LEDspot, PAR16, 50 W, GU10, 2700 K, 385 lm, 40000 hour(s)

LEDspot, PAR16, 50 W, GU10, 2700 K, 385 lm, 40000 hour(s), 70.00 lm/W

Product data

General Information	
Cap-Base	GU10
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot

Light Technical	
Color Code	927
Beam Angle (Nom)	36 degree(s)
Luminous Flux	385 lm
Luminous Intensity (Nom)	800 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	70.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lm

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5.5 W
Lamp Current (Nom)	30 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)	80 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	PAR16
Net Weight (Piece)	0.038 kg

Approval and Application	
Suitable For Accent Lighting	Yes

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Energy Consumption kWh/1000 h	6 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

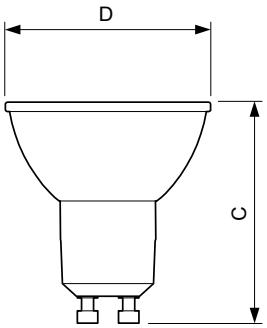
Wireless Technology	Not applicable

Product Data

Order product name	MAS LED ExpertColor 5.5-50W GU10 927 36D
Full product name	MAS LED ExpertColor 5.5-50W GU10 927 36D

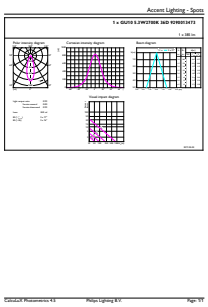
Full product code	871869670733300
Order code	929001347308
Material Nr. (12NC)	929001347308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707333
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707340

Dimensional drawing

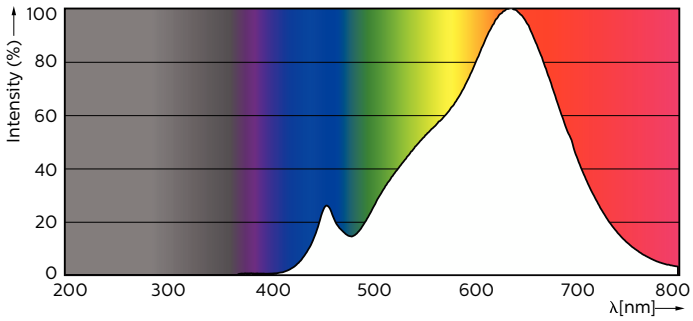


Product	D	C
MAS LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm

Photometric data



Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 927 36D



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 927 36D

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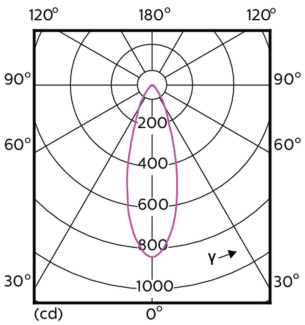
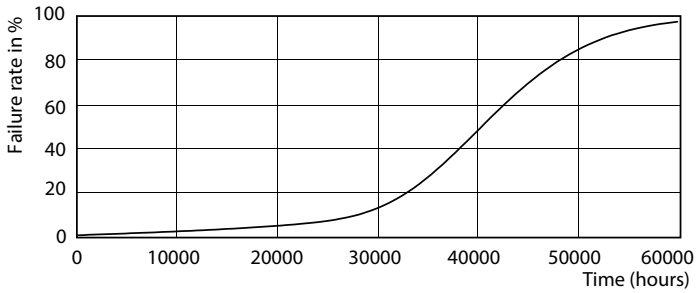
Photometric data

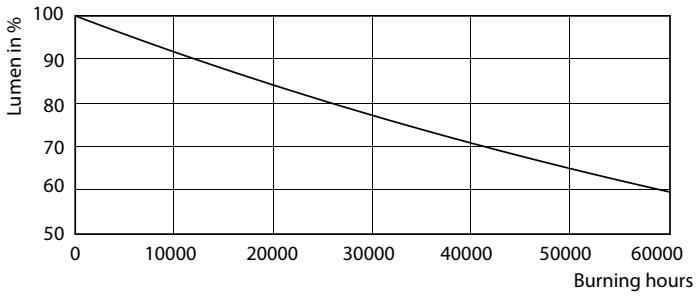


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

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