

PHILIPS

MAS LED ExpertColor
3.9-35W GU10 927 36D

929001346702



**MASTER, LEDspot, PAR16, dimmable, 35 W,
GU10, 2700 K, 265 lm, CRI 97, 40000 hour(s), Glass**



MASTER, LEDspot, PAR16, dimmable, 35 W, GU10, 2700 K, 265 lm, CRI 97, 40000 hour(s),
Glass, 67 lm/W, EEL G, PF 0.8, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

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	927 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	265 lm
Luminous Intensity (Nom)	650 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	67 lm/W
Color Consistency	<3

Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	265 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

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.038 kg

Approval and Application

Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	2271840
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
Ambient temperature range	-20 to +45 °C

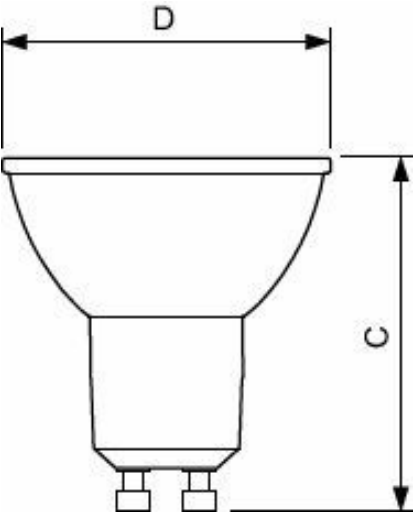
Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

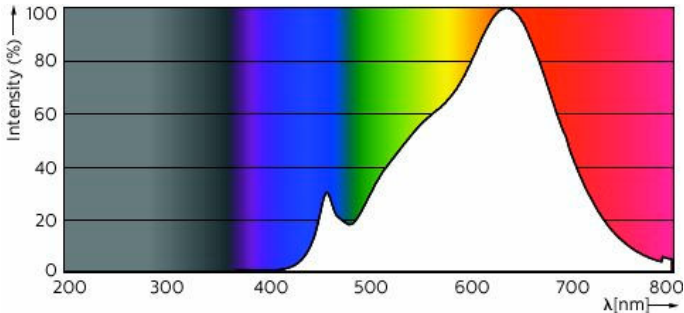
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Full product name	MAS LED ExpertColor 3.9-35W GU10 927 36D
Full product code	871869670755500
Order code	929001346702
Material Nr. (12NC)	929001346702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707555
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707562

Dimensional drawing

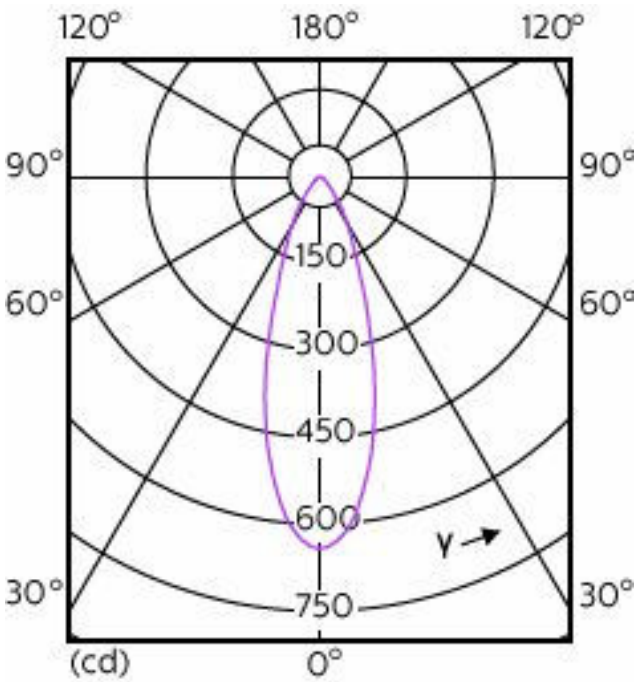


Product	D	C
MAS LED ExpertColor 3.9-35W GU10 927 36D	50 mm	54 mm

Photometric data

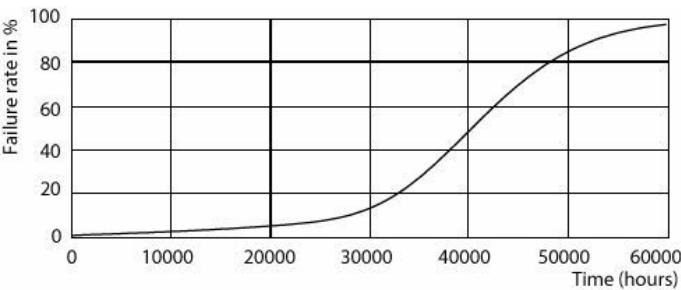


Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 927 36D

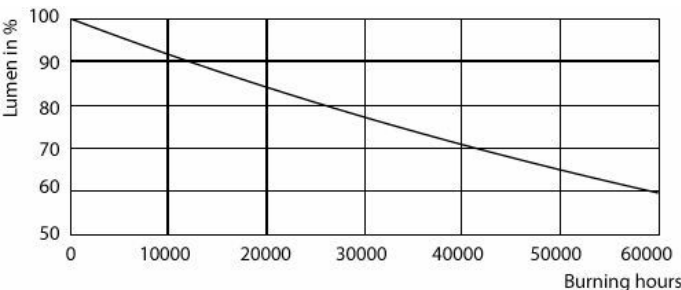


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 927 36D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W
GU10 927 36D

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-MASTER-LEDspot-ExpertColor-MV-COMF-6486216-Ref-929001347308-EPD.pdf	Download 

