PHILIPS

MAS VLE
LEDBulbD11.2-100W E27
927 A60FRG
929003058502



MASTER Value, LEDbulb, A60, dimmable, 100 W, E27, 2700 K, 1521 lm, CRI 90, 15000 hour(s), Glass



MASTER Value, LEDbulb, A60, dimmable, 100 W, E27, 2700 K, 1521 lm, CRI 90, 15000 hour(s), Glass, 135.00 lm/W, EEL D, PF 0.7, Beam angle 300 degree(s), RG0, IP65, SVM 0.4, PstLM 1

General Information

Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	2.5 years

Light Technical

Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	135.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	90

LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	11.2 W
Lamp Current (Nom)	51 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	80 °C

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.030 kg

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	12 kWh
EPREL Registration Number	2607287
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

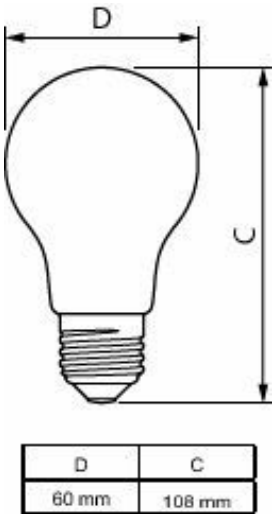
Application Conditions

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

Product Data

Order product name	MAS VLE LEDBulbD11.2-100W E27 927 A60FRG
Full product name	MAS VLE LEDBulbD11.2-100W E27 927 A60FRG
Full product code	871951434794600
Order code	929003058502
Material Nr. (12NC)	929003058502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347946
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347953

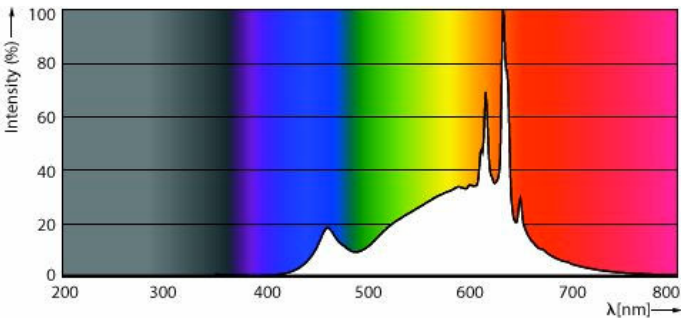
Dimensional drawing



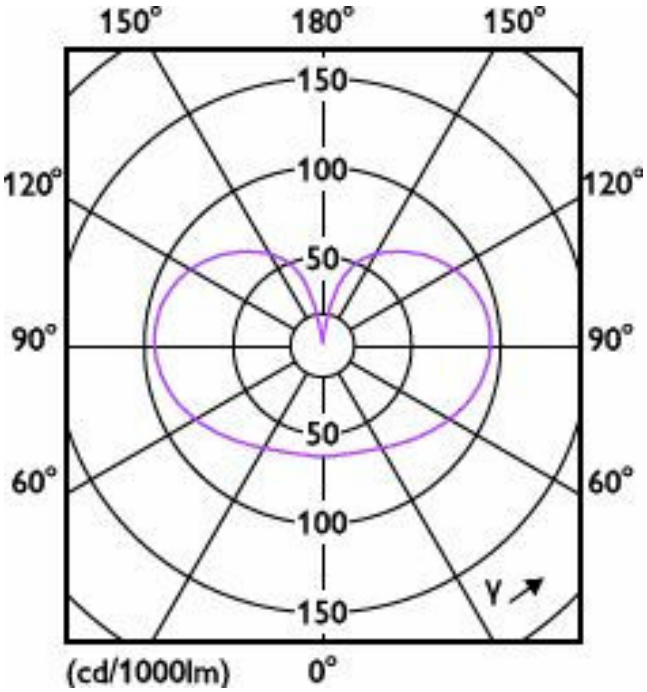
D	C
60 mm	108 mm

Product	D	C
MAS VLE LEDBulbD11.2-100W E27 927 A60FRG	60 mm	108 mm

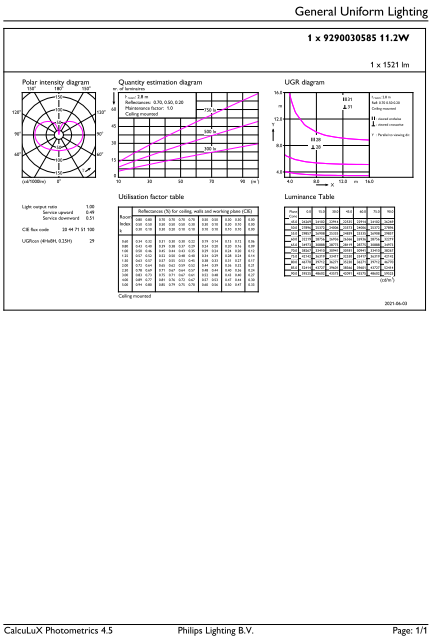
Photometric data



Spectral Power Distribution Colour - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

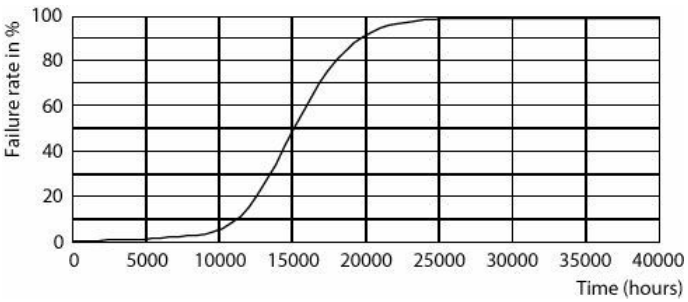


Light Distribution Diagram - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

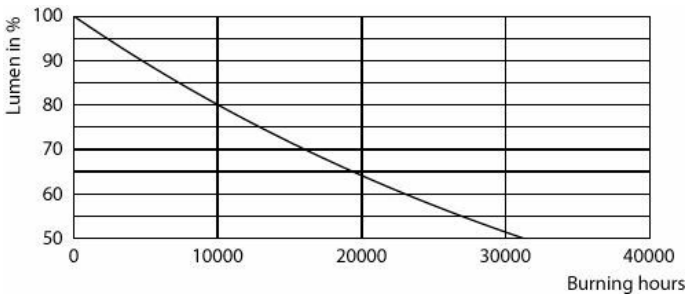


General uniform lighting - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-MASTER-Value-Glass-LED-bulbs-A60-COMF-8793345-Ref-929003057502-20240903-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDbulb_MAS_11,2W_A60_E27_927_FR-IES.IES	Download

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