

PHILIPS

**LED cla 120W G120 E27
WW FR ND RFSRT4**

929002372101



**CorePro, LEDbulb, G120, not dimmable, 120 W,
E27, 2700 K, 2000 lm, CRI 80, 15000 hour(s), Glass**



CorePro, LEDbulb, G120, not dimmable, 120 W, E27, 2700 K, 2000 lm, CRI 80, 15000 hour(s), Glass, 153.00 lm/W, EEL D, PF 0.51, RG1, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Rated Lifetime (Hours)	15,000 hour(s)
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	2 years

Light Technical

Color Code	827 [CCT of 2700K]
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Beam Angle (Nom)	300 degree(s)
Luminous Flux	2,000 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	153.00 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Nom)	120 mA
Wattage Equivalent	120 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.51
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	55 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Overall length	177 mm
Overall width	124 mm
Overall height	177 mm
Dimensions (Height x Width x Depth)	177 x 124 x 177 mm
Bulb Shape	G120
Net Weight (Piece)	0.100 kg

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	374860
EU RoHS compliant	Yes
Warranty	2 year(s)
EyeComfort	Yes
LED Innovations	EyeComfort
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

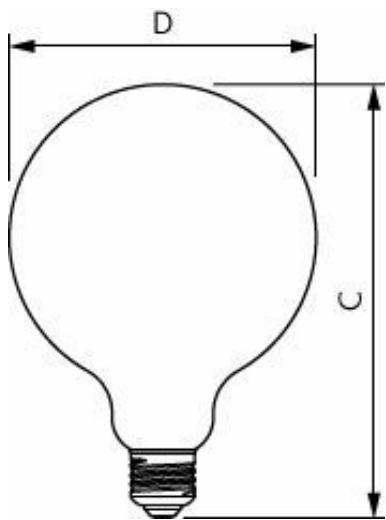
Application Conditions

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

Product Data

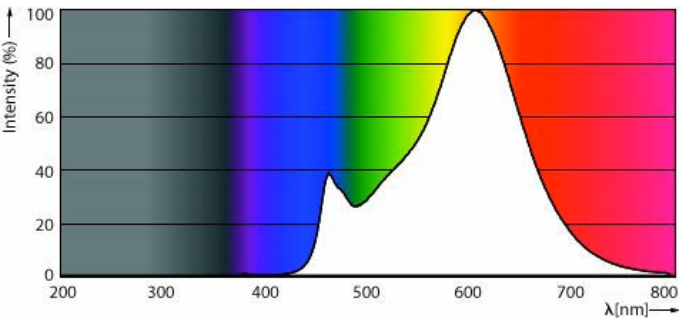
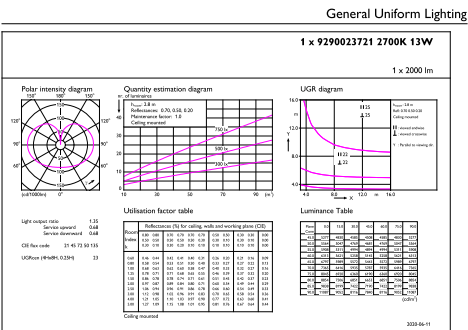
Order product name	LED cla 120W G120 E27 WW FR ND RFSRT4
Full product name	LED cla 120W G120 E27 WW FR ND RFSRT4
Full product code	871869976481400
Order code	929002372101
Material Nr. (12NC)	929002372101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699764814
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699764821

Dimensional drawing



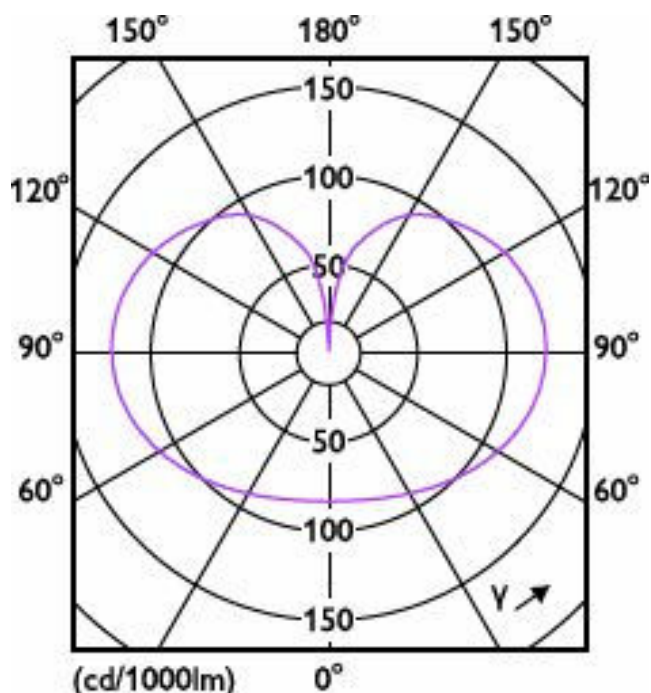
Product	D	C
LED cla 120W G120 E27 WW FR ND RFSRT4	124 mm	177 mm

Photometric data



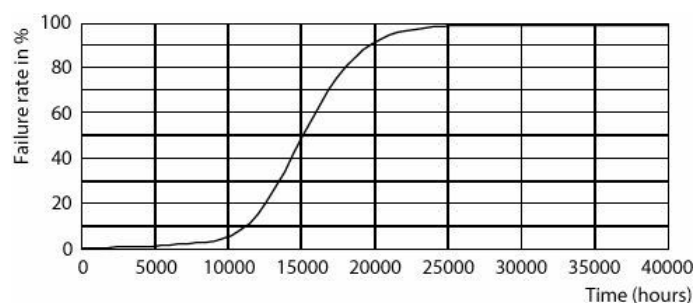
Spectral Power Distribution Colour - LED cla 120W G120 E27 WW FR ND RFSRT4

General uniform lighting - LED cla 120W G120 E27 WW FR ND RFSRT4

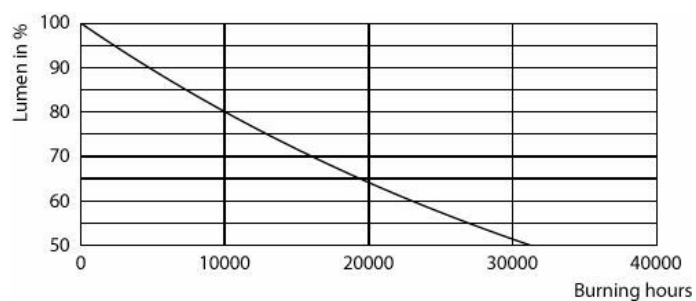


Light Distribution Diagram - LED cla 120W G120 E27 WW FR ND RFSRT4

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LED cla 120W G120 E27 WW FR ND RFSRT4

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-Bulbs-ND-Glass-G93-G120-A67-A95-ref-929002372201-EPD.pdf	Download 