Classic filament LEDbulbs

LED cla 120W G120 E27 WW FR ND RFSRT4

Featuring a classic heritage design, Classic filament LEDbulbs combine the familiar shapes of classic incandescent bulbs with the benefits of the long lasting LED technology. They deliver beautiful, decorative warm-white light while saving around 90% on energy costs compared with traditional light bulbs.

Product data

General Information

Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Rated Lifetime (Hours)	15,000 hour(s)
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical

Color Code	827 [CCT of 2700K]
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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 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

Stroboscopic effect visibility measure (SVM)	0.4
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 ℃

Controls and Dimming

Dimmable	No

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	G120

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	374860
EyeComfort	Yes
LED Innovations	EyeComfort

Application Conditions

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can it be used in closed luminaires	No

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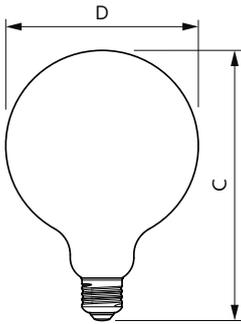
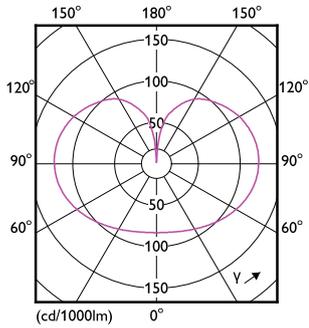| Product	D	C
LED cla 120W G120 E27 WW FR ND RFSRT4	124 mm	177 mm

Photometric data
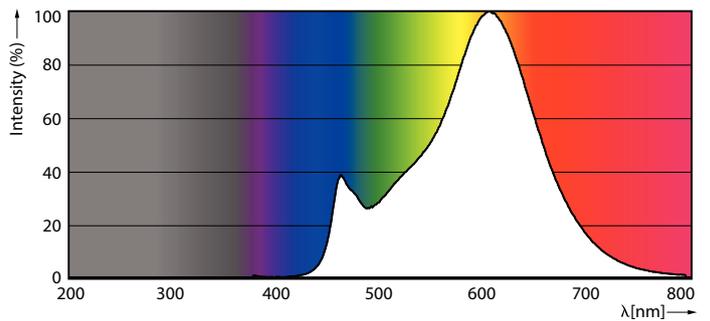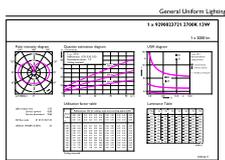
General uniform lighting – LED cla 120W G120 E27 WW FR ND RFSRT4

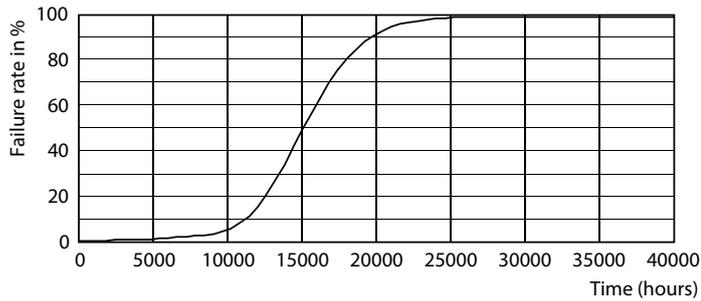Spectral Power Distribution Colour – LED cla 120W G120 E27 WW FR ND RFSRT4

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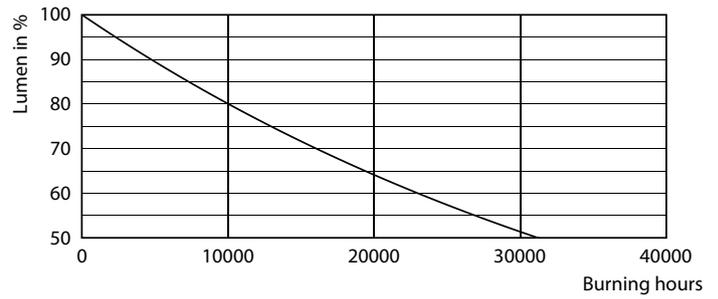
Photometric data

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

Lifetime

Life Expectancy Diagram – LED cla 120W G120 E27 WW FR ND RFSRT4

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

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2023, May 15 – data subject to change