



Classic filament LEDbulbs

LED classic 100W G120 E27 CDL FRND 1PF/4

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
Light Technical	
Color Code	865 [CCT of 6500K]
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Luminous Flux	1,521 lm
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
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	10.5 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.52
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	50 °C
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	11 kWh
EPREL Registration Number	374911
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort

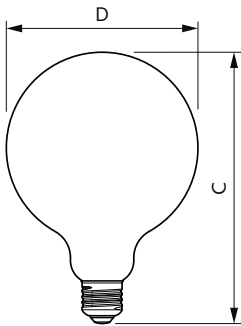
Application Conditions

can it be used in closed luminaires	No
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Product Data

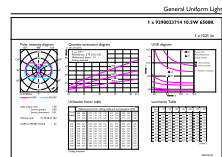
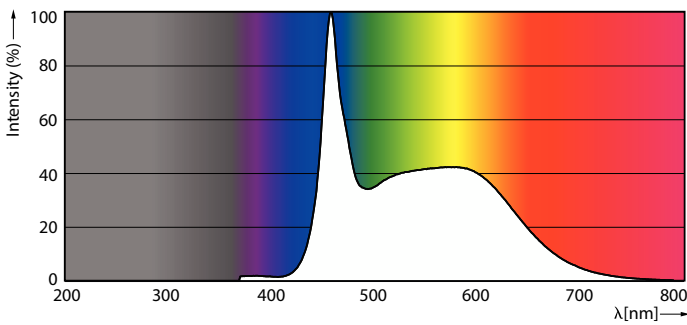
Order product name	LED classic 100W G120 E27 CDL FRND 1PF/4
Full product name	LED classic 100W G120 E27 CDL FRND 1PF/4
Full product code	871869976495100
Order code	929002371401
Material Nr. (12NC)	929002371401
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.084 kg
EAN/UPC - Product/Case	8718699764951
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699764968

Dimensional drawing



Product	D	C
LED classic 100W G120 E27 CDL FRND 1PF/4	125 mm	177 mm

Photometric data

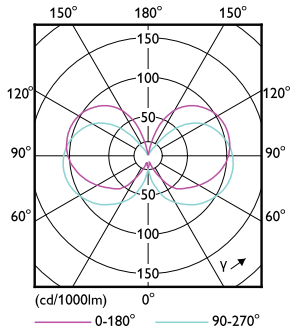


Spectral Power Distribution Colour - LED classic 100W G120 E27 CDL FRND 1PF/4

General uniform lighting - LED classic 100W G120 E27 CDL FRND 1PF/4

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Photometric data

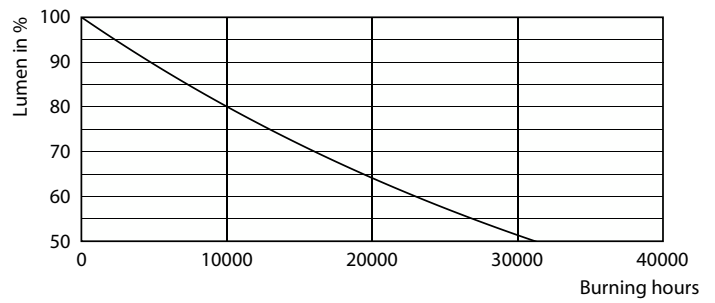


Light Distribution Diagram - LED classic 100W G120 E27 CDL FRND 1PF/4

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LED classic 100W G120 E27 CDL FRND 1PF/4

