PHILIPS Lighting



Classic filament LEDbulbs

LED classic 120W G120 E27 CW FR ND 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
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Color Code	840 [CCT of 4000K]
Luminous Flux	2,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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	1
per EN 61000-3-3	

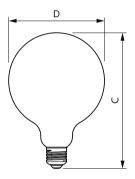
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Nom)	120 mA
Wattage Equivalent	120 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.51
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	55 ℃
Controls and Dimming	
Dimmable	No

Classic filament LEDbulbs

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	374861	
EyeComfort	Yes	
LED Innovations	EyeComfort	
Application Conditions		
can it be used in closed luminaires	No	

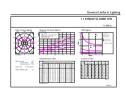
Product Data	
Order product name	LED classic 120W G120 E27 CW FR ND
	1PF/4
Full product name	LED classic 120W G120 E27 CW FR ND
	1PF/4
Full product code	871869976483800
Order code	929002372201
Material Nr. (12NC)	929002372201
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699764838
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699764845

Dimensional drawing



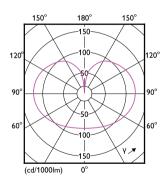
Product D C LED classic 120W G120 E27 CW FR ND 1PF/4 124 mm 177 mm

Photometric data



Calculus Processorius 4.5 Philips Lighting B.V. Ph

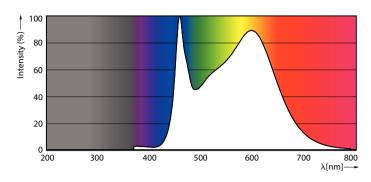
General uniform lighting - LED classic 120W G120 E27 CW FR ND 1PF/4



Light Distribution Diagram - LED classic 120W G120 E27 CW FR ND 1PF/4

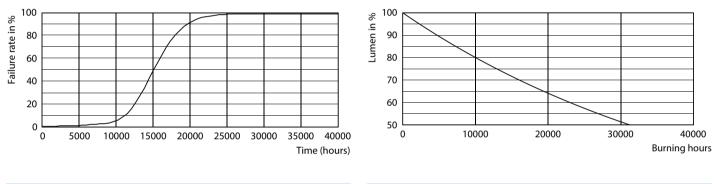
Classic filament LEDbulbs

Photometric data



Spectral Power Distribution Colour - LED classic 120W G120 E27 CW FR ND 1PF/4

Lifetime



Lumen Maintenance Diagram - LED classic 120W G120 E27 CW FR ND 1PF/4

Life Expectancy Diagram - LED classic 120W G120 E27 CW FR ND 1PF/4



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, May 15 - data subject to change