PHILIPS Lighting



Classic filament LEDbulbs

CLA LEDBulb DT12-100W E27 CRI90 A60 FR

Featuring a classic heritage design, Classic filament LED bulbs 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 [E27]
Nominal lifetime	15,000 h
Switching Cycle	20,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	927-922 [CCT of 2700K-2200K]
Beam angle (nom.)	270 degree(s)
Luminous Flux	1,521 lm
Colour designation	Warm Glow (WG)
Correlated Colour Temperature	2700 2200 К
Luminous efficacy (rated) (nom.)	126.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

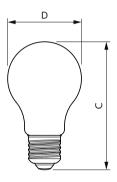
Input frequency	50 to 60 Hz
Power Consumption	12 W
Lamp current (nom.)	70 mA
Wattage equivalent	100 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	230 V
Temperature	
T-Case maximum (nom.)	60 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	A60 [A 60 mm]

Classic filament LEDbulbs

Approval and Application	
Energy consumption kWh/1,000 hours	12 kWh
EyeComfort	Yes
Product Data	
Order product name	CLA LEDBulb DT12-100W E27 CRI90 A60 FR
Full product name	CLA LEDBulb DT12-100W E27 CRI90 A60 FR
Full EOC	871869977102700

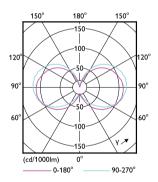
Order code	77102700
Material no. (12 NC)	929002392502
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699771027
Numerator – packs per outer box	10
EAN/UPC - Case	8718699771034

Dimensional drawing

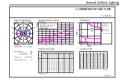


Product	D	с
CLA LEDBulb DT12-100W E27 CRI90 A60 FR	60 mm	106 mm

Photometric data



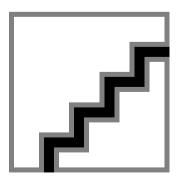
Light Distribution Diagram - CLA LEDBulb DT12-100W E27 CRI90 A60 FR



Philips Liebring B.Y.

General uniform lighting - CLA LEDBulb DT12-100W E27 CRI90 A60 FR

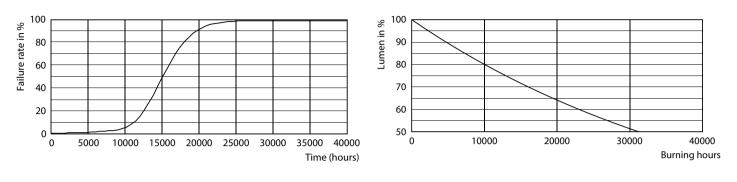
. ...



Spectral Power Distribution Colour - CLA LEDBulb DT12-100W E27 CRI90 A60 FR

Classic filament LEDbulbs

Lifetime



Life Expectancy Diagram - CLA LEDBulb DT12-100W E27 CRI90 A60 FR

Lumen Maintenance Diagram - CLA LEDBulb DT12-100W E27 CRI90 A60 FR



© 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.