Lighting

PHILIPS



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 4.9-40W A60 E27 827

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO
Photobiological safety according to EN 62471	RGO

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp Current (Nom)	45 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

F A G

CorePro Plastic LEDbulbs

Bulb Material	Plastic	
Bulb Shape	A60	
Net Weight (Piece)	0.028 kg	
Approval and Application		

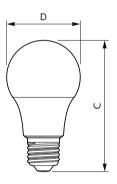
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1354585
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 ℃ to 45 ℃
Application Conditions	

No

Product Data	
Order product name	CorePro LEDbulb ND 4.9-40W A60
	E27 827
Full product name	CorePro LEDbulb ND 4.9-40W A60
	E27 827
Full product code	871869657757800
Order code	929003603202
Material Nr. (12NC)	929003603202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696577578
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169165373

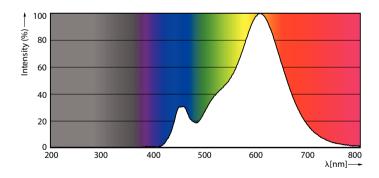
Dimensional drawing

can it be used in closed luminaires



CorePro LEDbulb ND 4.9-40W A60 E27 827 60 mm 110 mm	Product	D	с
	CorePro LEDbulb ND 4.9-40W A60 E27 827	60 mm	110 mm

Photometric data



Spectral Power Distribution Colour - CorePro LEDbulb ND 4.9-40W A60 E27 827

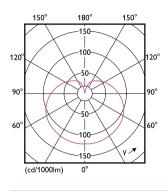
	1 + 7270031613 4 PW 2790K
Me Nexts dama Quests minister dama	1 x 470 to

CatoLof Reservoys 45 Press Lation BV. Page 17

General uniform lighting - CorePro LEDbulb ND 4.9-40W A60 E27 827

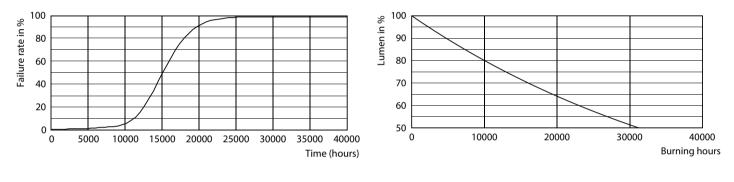
CorePro Plastic LEDbulbs

Photometric data



Light Distribution Diagram - CorePro LEDbulb ND 4.9-40W A60 E27 827

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDbulb ND 4.9-40W A60 E27 827



© 2025 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 2025, March 17 - data subject to change