Lighting

PHILIPS



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 865

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	
CE mark	Yes	
EU RoHS compliant	Yes	
Light Technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	180 degree(s)	
Luminous Flux	1,521 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	117 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)	105 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.54
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C

A ↑ G

CorePro Plastic LEDbulbs

T-Case Maximum (Nom)	95 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Material	Plastic	
Bulb Shape	A60	
Approval and Application		
Energy Efficiency Class	E	
Energy Consumption kWh/1000 h	13 kWh	
EPREL Registration Number	696293	
EyeComfort	Yes	
Application Conditions		
can it be used in closed luminaires	No	

Product Data		
Order product name	CorePro LEDbulb ND 13-100W A60	
	E27 865	
Full product name	CorePro LEDbulb ND 13-100W A60	
	E27 865	
Full product code	872016916925800	
Order code	929002307008	
Material Nr. (12NC)	929002307008	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169169258	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8720169169265	

Dimensional drawing



Product	D	с
CorePro LEDbulb ND 13-100W A60 E27 865	60 mm	120 mm

Photometric data



۱**50**° 180° ۱**50**° -200-150 120° °20 ا -100-90° 90° 50 -100-60° 60° 150 γ./ -200-(cd/1000lm) 0°

Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 865

Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

CorePro Plastic LEDbulbs

Photometric data

	General Uniform Lightin
	1 x 9290023878 12W 4508K
	ta 101 in
The second secon	

General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 865

Lifetime



Life Expectancy Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 865



© 2024 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 2024, March 15 - data subject to change