PHILIPS Lighting



CorePro Plastic LEDcandles & lusters

Corepro candle ND 5.5-40W E14 827 B35 CL

The frosted CorePro LEDcandle is designed for retrofit replacement of incandescent lamps. It is compatible with fixtures with an E14 holder and is an attractive product for chandeliers. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information	
Cap-Base	E14 [E14]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	85.45 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
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	5.5 W
Lamp Current (Nom)	50 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	B35 [B 35mm]
Approval and Application	
Energy Consumption kWh/1000 h	6 kWh

CorePro Plastic LEDcandles & lusters

EyeComfort	Yes
Product Data	
Order product name	Corepro candle ND 5.5-40W E14 827 B35 CL
Full product name	Corepro candle ND 5.5-40W E14 827 B35 CL
Full product code	871869645479400
Order code	45479400

Material Nr. (12NC)	929001142502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696454794
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696454800

Dimensional drawing



Product	D	с
Corepro candle ND 5.5-40W E14 827 B35 CL	35 mm	106 mm

Photometric data



General uniform lighting - Corepro candle ND 5.5-40W E14 827 B35 CL



Spectral Power Distribution Colour - Corepro candle ND 5.5-40W E14 827 B35 CL



Light Distribution Diagram - Corepro candle ND 5.5-40W E14 827 B35 CL

CorePro Plastic LEDcandles & lusters

Lifetime



Life Expectancy Diagram - Corepro candle ND 5.5-40W E14 827 B35 CL

Lumen Maintenance Diagram - Corepro candle ND 5.5-40W E14 827 B35 CL



© 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, April 29 - data subject to change