



CorePro LEDcandle



CorePro LEDcandle ND 5-40W E14 827 B35 FR

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	
Nominal lifetime	15,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Light Technical		
Colour Code	827 [CCT of 2700K]	
Luminous Flux	470 lm	
Colour designation	Warm White (WW)	
Correlated Colour Temperature (Nom)	2700 K	
Luminous efficacy (rated) (nom.)	94.00 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Photobiological safety according to EN 62471 RG1		
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input frequency	50 to 60 Hz	
Power Consumption	5 W	
Lamp current (nom.)	44 mA	
Wattage equivalent	40 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.)	81 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	B35
Net Weight (Piece)	0.040 kg
Approval and Application	
Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	453199
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

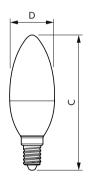
Datasheet, 2023, April 15 data subject to change

CorePro LEDcandle

Flickering value (PstLM)	1
Stroboscopic effect	0.4
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	CorePro candle ND 5-40W E14 827 B35
	FR
Full product name	CorePro LEDcandle ND 5-40W E14 827
	B35 FR

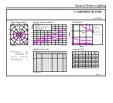
Full EOC	871951431250000
Order code	31250000
Material no. (12 NC)	929002968402
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514312500
Numerator – packs per outer box	10
EAN/UPC - Case	8719514312517

Dimensional drawing



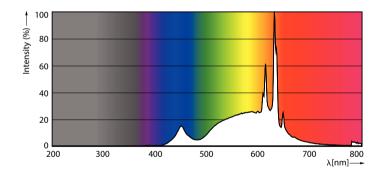
Product	D	С
CorePro candle ND 5-40W E14 827 B35 FR	45 mm	87 mm

Photometric data



Calculat Procurence 4.5 Philips Lighting 8.9. Page 177

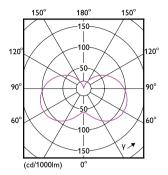
General uniform lighting - CorePro candle ND 5-40W E14 827 B35 FR



Spectral Power Distribution Colour - CorePro candle ND 5-40W E14 827 B35

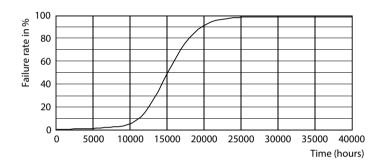
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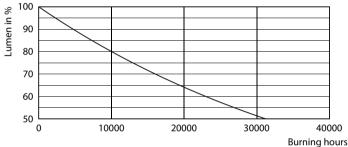
Photometric data



Light Distribution Diagram - CorePro candle ND 5-40W E14 827 B35 FR

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro candle ND 5-40W E14 827 B35 FR



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