# **PHILIPS** Lighting



# **CorePro LEDcandle**



# CorePro LEDcandle ND 2.8-25W 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	250 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	89.00 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
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Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	2.8 W
Lamp current (nom.)	28 mA
Wattage equivalent	25 W

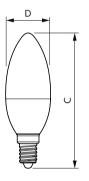
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.41
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	63 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	B35
Net Weight (Piece)	0.040 kg
Approval and Application	
Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	453194
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

## CorePro LEDcandle

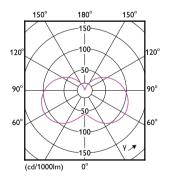
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	CorePro candle ND 2.8-25W E14 827 B35
	FR
Full product name	CorePro LEDcandle ND 2.8-25W E14 827
	B35 FR

Full EOC	871951431240100
Order code	31240100
Material no. (12 NC)	929002966802
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514312401
Numerator – packs per outer box	10
EAN/UPC - Case	8719514312418

#### Dimensional drawing

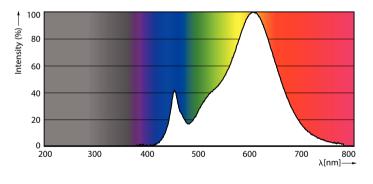


#### Photometric data



Light Distribution Diagram - CorePro candle ND 2.8-25W E14 827 B35 FR

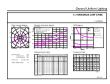
Product	D	с
CorePro candle ND 2.8-25W E14 827 B35 FR	35 mm	106 mm



Spectral Power Distribution Colour - CorePro candle ND 2.8-25W E14 827 B35 FR

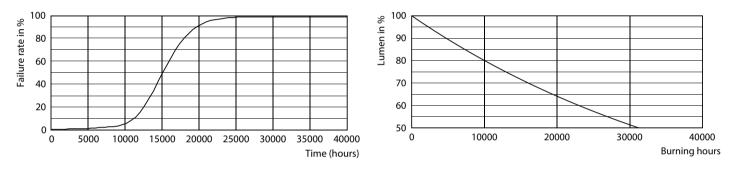
### CorePro LEDcandle

#### Photometric data



General uniform lighting - CorePro candle ND 2.8-25W E14 827 B35 FR

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro candle ND 2.8-25W E14 827 B35 FR



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