



CorePro Plastic LEDcandles & lusters

CorePro LEDcandle ND 7-60W E14 840 B38 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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	806 lm
Color Designation	Cool White (CW)
Luminous Efficacy (rated) (Nom)	115.00 lm/W
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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	7 W
Lamp Current (Nom)	59 mA
Wattage Equivalent	60 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)	87 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Shape	B38
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Approval and Application

Energy Efficiency Class	E
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	453211
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions

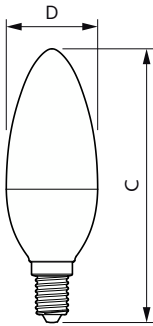
can it be used in closed luminaires	No
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Product Data

Order product name	CorePro candle ND 7-60W E14 840 B38 FR
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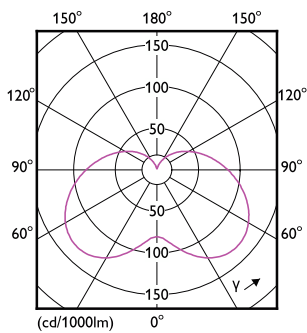
Full product name	CorePro LEDcandle ND 7-60W E14 840 B38 FR
Full product code	871951431298200
Order code	31298200
Material Nr. (12NC)	929002972702
Net Weight (Piece)	0.053 kg
EAN/UPC - Product/Case	8719514312982
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514312999

Dimensional drawing

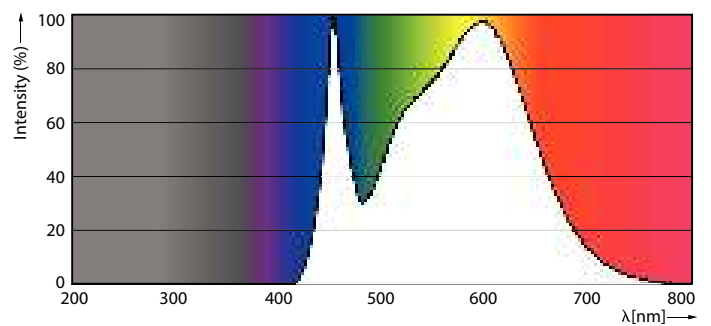


Product	D	C
CorePro candle ND 7-60W E14 840 B38 FR	38 mm	114 mm

Photometric data



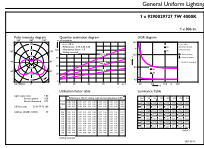
Light Distribution Diagram - CorePro candle ND 7-60W E14 840 B38 FR



Spectral Power Distribution Colour - CorePro candle ND 7-60W E14 840 B38 FR

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Photometric data



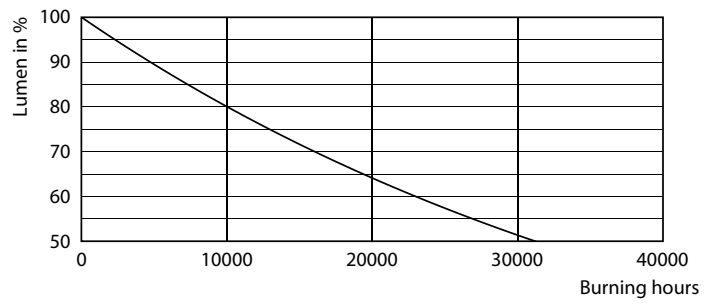
Technical Parameters 43 Philips Lighting B.V. Page 117

General uniform lighting - CorePro candle ND 7-60W E14 840 B38 FR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro candle ND 7-60W E14 840 B38 FR

