



CorePro Plastic LEDcandles & lusters

CorePro lustre ND 2.8-25W E27 827 P45 FR

The CorePro LEDcandles and lusters are designed for retrofit replacement of incandescent lamps and are particularly attractive for chandeliers. They are compatible with fixtures with an E14 holder for candles and E14 or E27 holders for lusters and are available in multiple color temperatures. LED lamps deliver huge energy savings of up to 80% energy-saving compared with halogen lamps and provide excellent quality of light. By offering a lifetime of 15,000 hours it lowers maintenance costs. The CorePro LED candles and lusters are perfect for your basic lighting needs.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	250 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	89.00 lm/W
Color Consistency	<6
Color 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	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)	61 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	P45
Net Weight (Piece)	0.026 kg

Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	453195
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

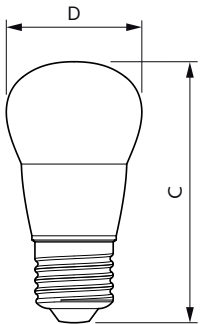
Application Conditions

can it be used in closed luminaires	No
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Product Data

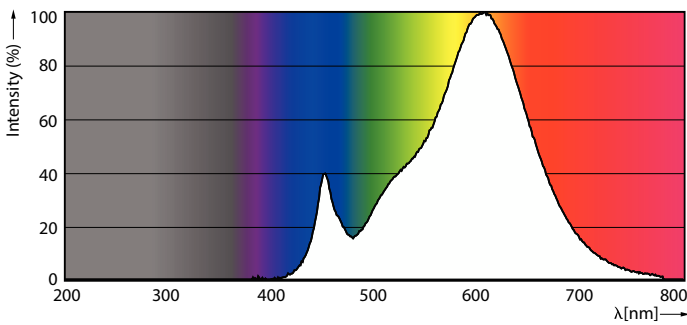
Order product name	CorePro lustre ND 2.8-25W E27 827 P45 FR
Full product name	CorePro lustre ND 2.8-25W E27 827 P45 FR
Full product code	871951431242500
Order code	929002966902
Material Nr. (12NC)	929002966902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514312425
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514312432

Dimensional drawing

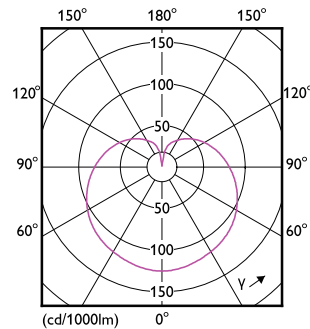


Product	D	C
CorePro lustre ND 2.8-25W E27 827 P45 FR	45 mm	88 mm

Photometric data



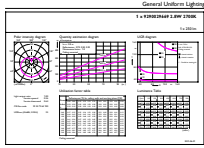
Spectral Power Distribution Colour - CorePro lustre ND 2.8-25W E27 827 P45 FR



Light Distribution Diagram - CorePro lustre ND 2.8-25W E27 827 P45 FR

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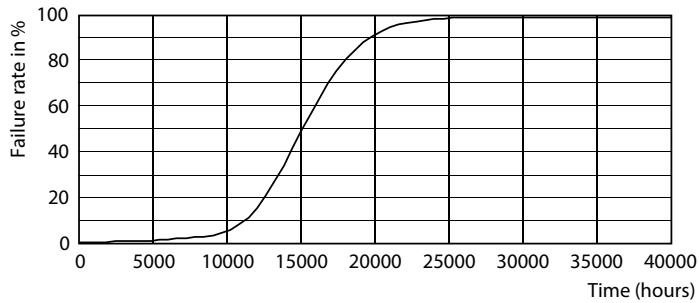
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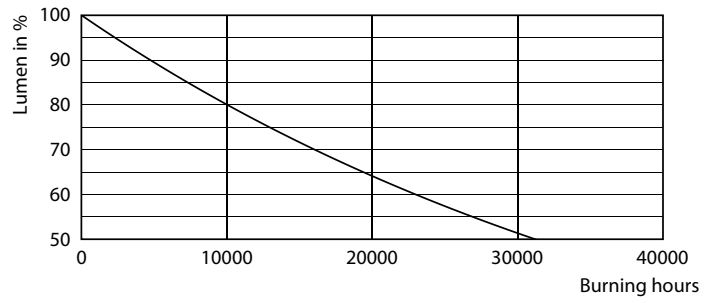
General Parameters 41 Philips Lighting B.V. Page 117

General uniform lighting - CorePro lustre ND 2.8-25W E27 827 P45 FR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro lustre ND 2.8-25W E27 827 P45 FR

