



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 840

CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings and minimize maintenance cost.

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	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool White (CW)
Luminous Efficacy (rated) (Nom)	117 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
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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Nom)	105 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.54
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	95 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60

Approval and Application

Energy Efficiency Class	E
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397616
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

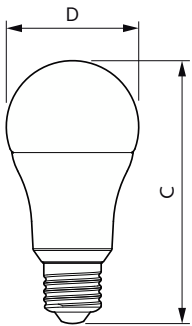
Application Conditions

can it be used in closed luminaires	No
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Product Data

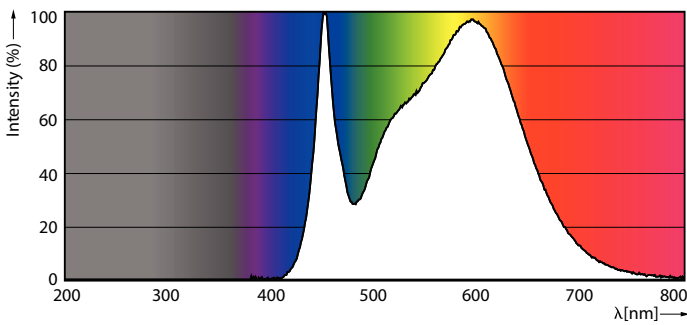
Order product name	CorePro LEDbulb ND 13-100W A60 E27 840
Full product name	CorePro LEDbulb ND 13-100W A60 E27 840
Full product code	872016916909800
Order code	16909800
Material Nr. (12NC)	929002306908
Net Weight (Piece)	0.045 kg
EAN/UPC - Product/Case	8720169169098
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169169104

Dimensional drawing

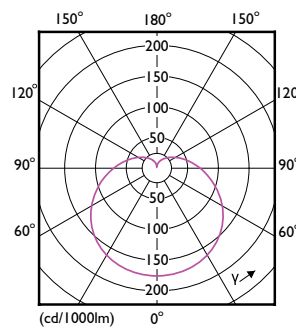


Product	D	C
CorePro LEDbulb ND 13-100W A60 E27 840	60 mm	120 mm

Photometric data



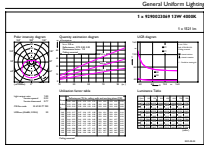
Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 840



Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 840

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Photometric data



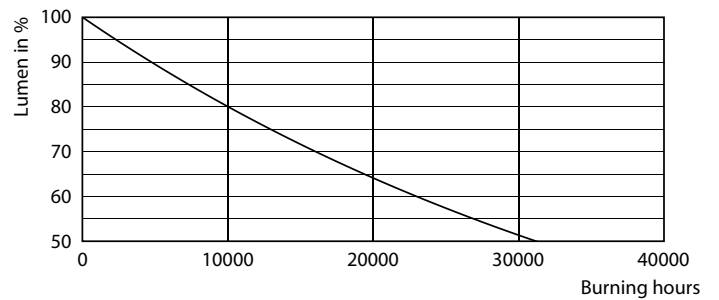
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General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 840

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 840

