



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 827

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. 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 of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

General Information		Flickering value (PstLM)	
Cap-Base	E27 [E27]		1
Nominal lifetime	15,000 hour(s)	Stroboscopic effect value (SVM)	0.4
Switching Cycle	50,000	Photobiological safety according to EN 62471 RG1	
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Sphere	Line Frequency	50 to 60 Hz
CE mark	Yes	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	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
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	180 degree(s)	T-Case Maximum (Nom)	95 °C
Luminous Flux	1,521 lumen		
Color Designation	Warm White (WW)		
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	117 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60 [A 60mm]

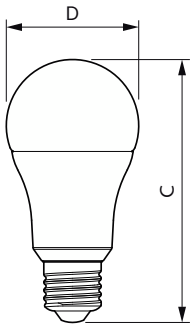
Approval and Application

Energy Efficiency Class	E
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397615
EyeComfort	Yes

Product Data

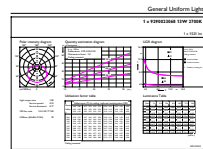
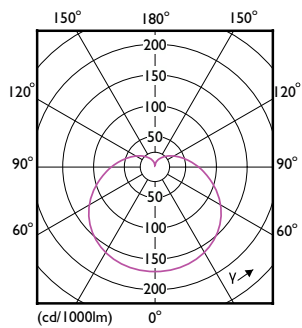
Full product code	872016916901200
Order product name	CorePro LEDbulb ND 13-100W A60 E27 827
Order code	929002306808
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002306808
Full product name	CorePro LEDbulb ND 13-100W A60 E27 827
EAN/UPC - Case	8720169169029
EAN/UPC - Product/Case	8720169169012

Dimensional drawing



Product	D	C
CorePro LEDbulb ND 13-100W A60 E27 827	60 mm	120 mm

Photometric data

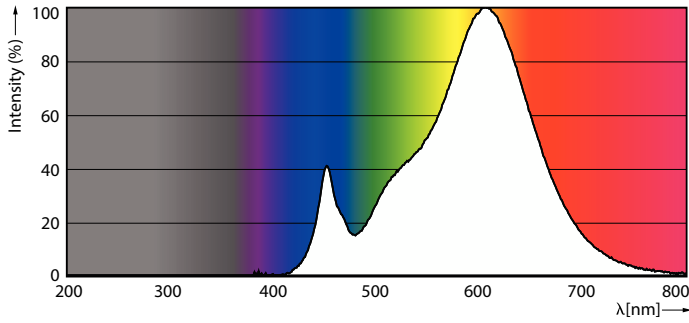


Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 827

General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 827

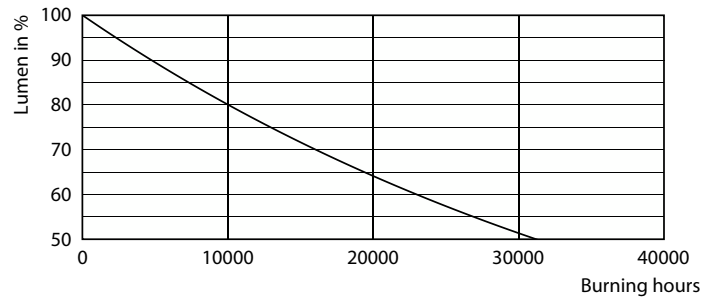
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Photometric data



Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 827

Lifetime



Life Expectancy Diagram - CorePro LEDbulb ND 13-100W A60 E27 827

Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 827

