



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 840

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		Operating and Electrical	
Cap-Base	E27	Line Frequency	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	13 W
Lighting Technology	LED	Lamp Current (Nom)	105 mA
Flux measurement reference	Sphere	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	840 [CCT of 4000K]	T-Case Maximum (Nom)	95 °C
Beam Angle (Nom)	180 degree(s)		
Luminous Flux	1,521 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	117 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RG0		

CorePro Plastic LEDbulbs

Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.045 kg

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
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C

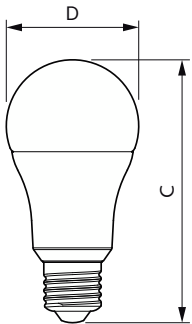
Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

Product Data

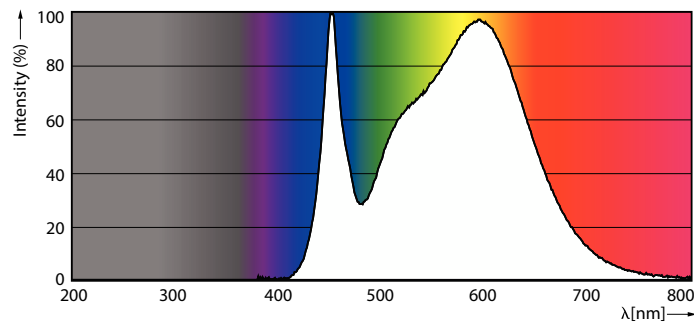
Order product name	CorePro LEDbulb ND 13-100W A60 E27 840
Full product name	CorePro LEDbulb ND 13-100W A60 E27 840
Full product code	872016916909800
Order code	929002306908
Material Nr. (12NC)	929002306908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169169098
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169169104

Dimensional drawing

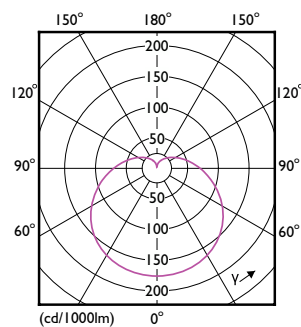


Product	D	C
CorePro LEDbulb ND 13-100W A60 E27 840	60 mm	120 mm

Photometric data



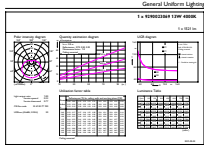
Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 840



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

CorePro Plastic LEDbulbs

Photometric data



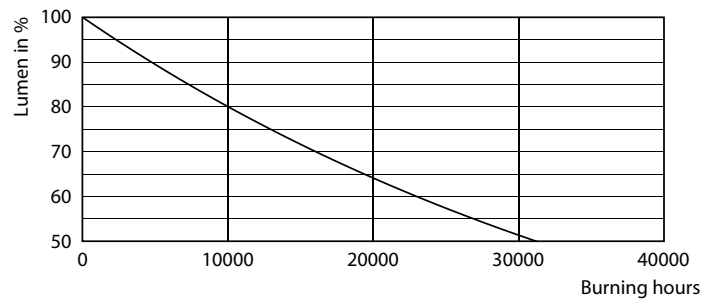
General of Parameters 41 Philips Lighting B.V. Page 117

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

