



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 865

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	
Cap-Base	E27 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	117 lm/W
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	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

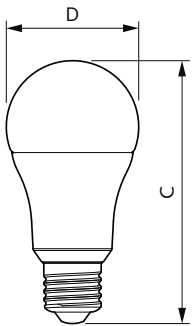
Temperature	
Ambient temperature range	-20 °C to 45 °C

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T-Case Maximum (Nom)	95 °C
Controls and Dimming	
Dimmable	No
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	696293
EyeComfort	Yes

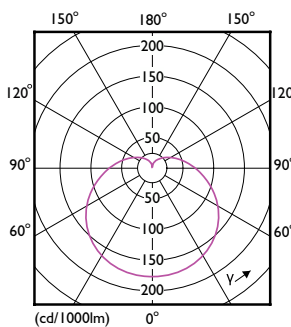
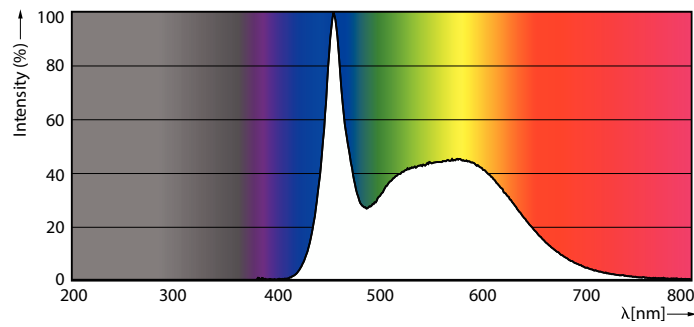
Product Data	
Order product name	CorePro LEDbulb ND 13-100W A60 E27 865
Full product name	CorePro LEDbulb ND 13-100W A60 E27 865
Full product code	872016916925800
Order code	929002307008
Material Nr. (12NC)	929002307008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169169258
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169169265

Dimensional drawing



Product	D	C
CorePro LEDbulb ND 13-100W A60 E27 865	60 mm	120 mm

Photometric data

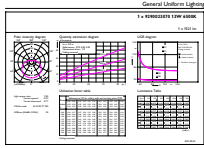


Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 865

Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

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Photometric data



General Parameters 41 Philips Lighting B.V. Page 117

General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 865

Lifetime



Life Expectancy Diagram - CorePro LEDbulb ND 13-100W A60 E27 865



Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

