



CorePro Plastic LEDbulbs

LEDbulb ND 13-100W A67 E27 840 2CT

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
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)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 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	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	
T-Case Maximum (Nom)	95 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

CorePro Plastic LEDbulbs

Bulb Material	Plastic
Bulb Shape	A67
Net Weight (Piece)	0.046 kg

Approval and Application

Energy Efficiency Class	E
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397616
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

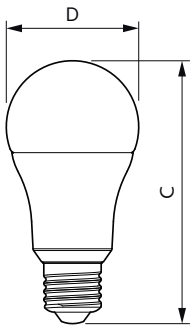
Application Conditions

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

Product Data

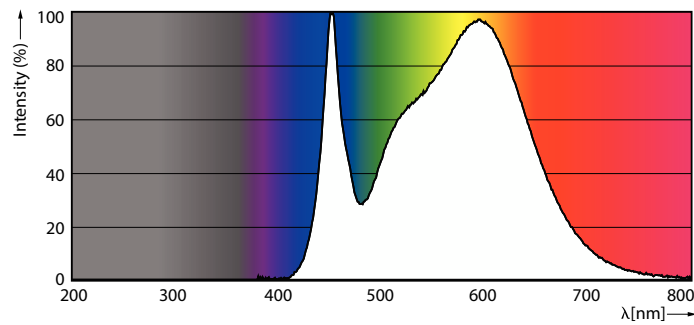
Order product name	LEDbulb ND 13-100W A67 E27 840 2CT
Full product name	LEDbulb ND 13-100W A67 E27 840 2CT
Full product code	871951447103000
Order code	929002306962
Material Nr. (12NC)	929002306962
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	8719514471030
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514471047

Dimensional drawing

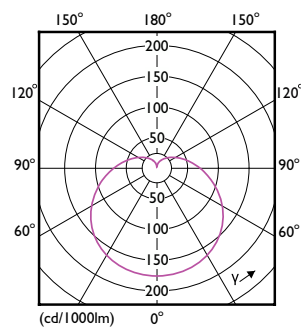


Product	D	C
LEDbulb ND 13-100W A67 E27 840 2CT	60 mm	120 mm

Photometric data



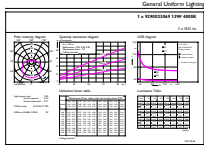
Spectral Power Distribution Colour - LEDbulb ND 13-100W A67 E27 840 2CT



Light Distribution Diagram - LEDbulb ND 13-100W A67 E27 840 2CT

CorePro Plastic LEDbulbs

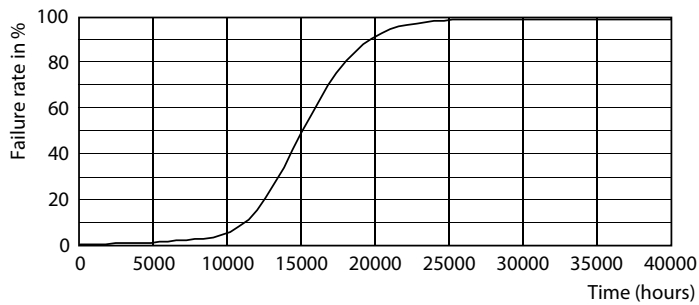
Photometric data



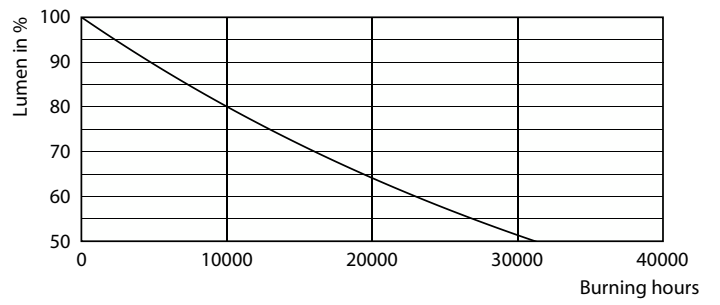
General Parameters 41 Philips Lighting B.V. Page 117

General uniform lighting - LEDbulb ND 13-100W A67 E27 840 2CT

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LEDbulb ND 13-100W A67 E27 840 2CT

