



# CorePro Plastic LED bulbs



## LEDbulb ND 13-100W A67 E27 840 2CT

CorePro, LEDbulb, A67, 100 W, E27, 4000 K, 1521 lm, CRI 80, 15000 hour(s), Plastic

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

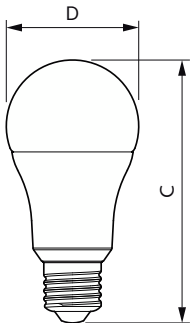
General Information		Color Consistency	
Cap-Base	E27	Color Consistency	<6
Nominal lifetime	15,000 hour(s)	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LEDbulb	Photobiological safety according to EN 62471	RG1
Flux measurement reference	Sphere	Operating and Electrical	
Warranty period	2 years	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	840 [CCT of 4000K]	Power Consumption	13 W
Beam Angle (Nom)	180 degree(s)	Lamp Current (Nom)	105 mA
Luminous Flux	1,521 lm	Wattage Equivalent	100 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	117 lm/W	Power Factor (Fraction)	0.54

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Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	95 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A67
Net Weight (Piece)	0.046 kg
<b>Approval and Application</b>	
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

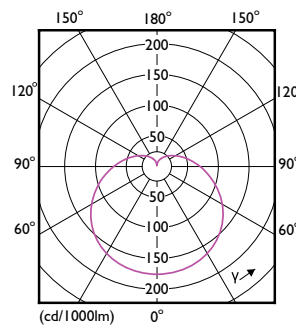
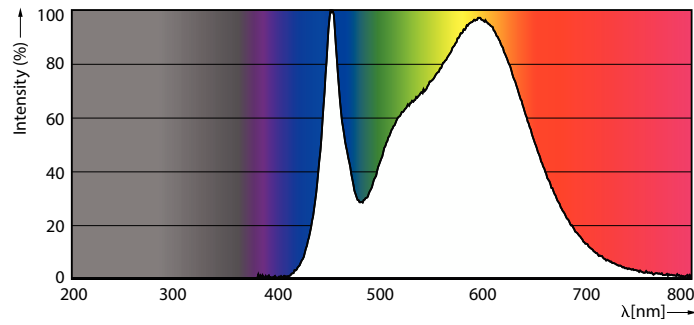
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C
<b>Application Conditions</b>	
can it be used in closed luminaires	No
Wireless Technology	Not applicable
<b>Product Data</b>	
Order product name	LEDbulb ND 13-100W A67 E27 840 2CT
Full product name	LEDbulb ND 13-100W 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

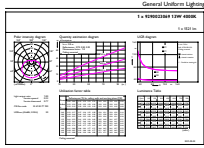


Spectral Power Distribution Colour - LEDbulb ND 13-100W A67 E27 840 2CT

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

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## 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

