



# CorePro Plastic LEDbulbs

## LEDbulb ND 13-100W A67 E27 827 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		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	827 [CCT of 2700K]	T-Case Maximum (Nom)	95 °C
Beam Angle (Nom)	180 degree(s)		
Luminous Flux	1,521 lm	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	No
Correlated Color Temperature (Nom)	2700 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	RG1		

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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	397615
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

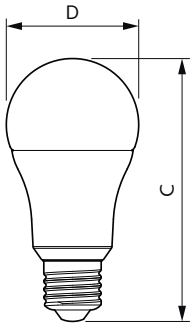
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

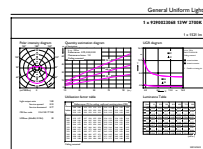
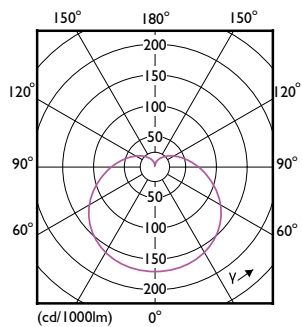
Order product name	LEDbulb ND 13-100W A67 E27 827 2CT
Full product name	LEDbulb ND 13-100W A67 E27 827 2CT
Full product code	871951447105400
Order code	929002306862
Material Nr. (12NC)	929002306862
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	8719514471054
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514471061

## Dimensional drawing



Product	D	C
LEDbulb ND 13-100W A67 E27 827 2CT	60 mm	120 mm

## Photometric data

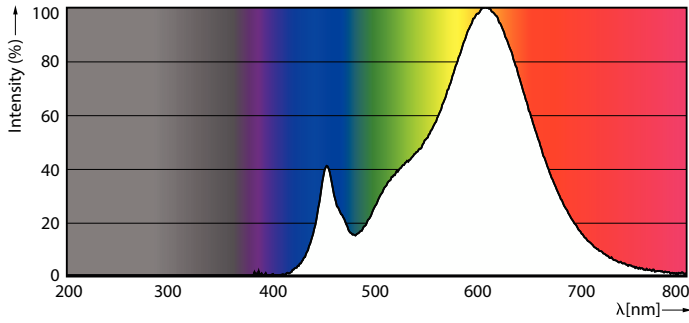


Light Distribution Diagram - LEDbulb ND 13-100W A67 E27 827 2CT

General uniform lighting - LEDbulb ND 13-100W A67 E27 827 2CT

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## Photometric data

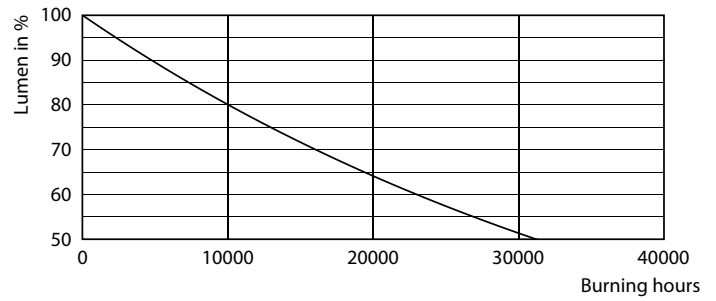


Spectral Power Distribution Colour - LEDbulb ND 13-100W A67 E27 827 2CT

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LEDbulb ND 13-100W A67 E27 827 2CT

