



# CorePro Plastic LEDbulbs

## LEDbulb ND 10-75W A60 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	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,055 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	105 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	10 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	75 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

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Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.046 kg
<b>Approval and Application</b>	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	10 kWh
EPREL Registration Number	397613
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

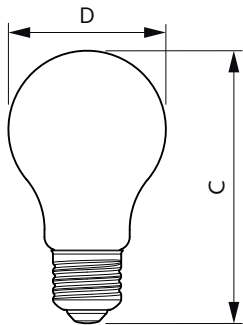
## Application Conditions

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

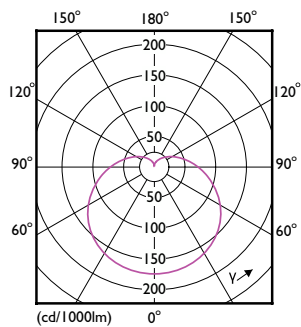
Order product name	LEDbulb ND 10-75W A60 E27 827 2CT
Full product name	LEDbulb ND 10-75W A60 E27 827 2CT
Full product code	871951447111500
Order code	929002306562
Material Nr. (12NC)	929002306562
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	8719514471115
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514471122

## Dimensional drawing

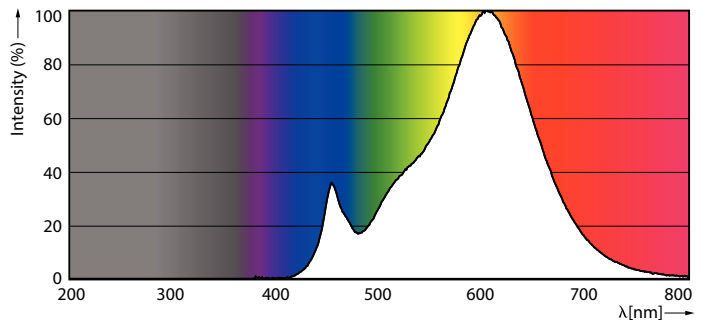


Product	D	C
LEDbulb ND 10-75W A60 E27 827 2CT	60 mm	108 mm

## Photometric data



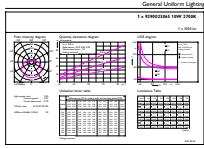
Light Distribution Diagram - LEDbulb ND 10-75W A60 E27 827 2CT



Spectral Power Distribution Colour - LEDbulb ND 10-75W A60 E27 827 2CT

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## Photometric data



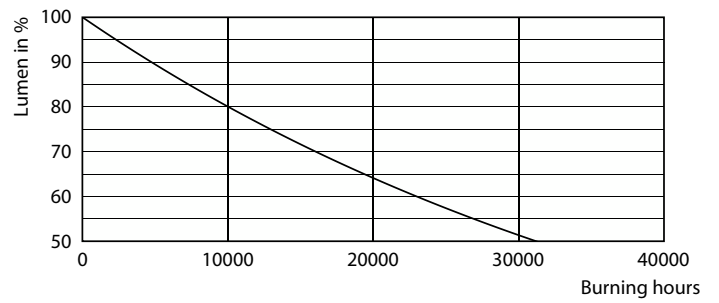
General Parameters 41 Philips Lighting B.V. Page 10

### General uniform lighting - LEDbulb ND 10-75W A60 E27 827 2CT

## Lifetime



### Life Expectancy Diagram



### Lumen Maintenance Diagram - LEDbulb ND 10-75W A60 E27 827 2CT

