



# CorePro Plastic LEDbulbs

## LEDbulb ND 8-60W A60 E27 830 12CT

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	830 [CCT of 3000K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	806 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

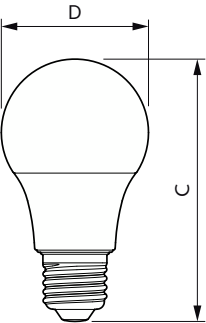
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Nom)	55 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic

CorePro Plastic LEDbulbs

Bulb Shape	A60
Net Weight (Piece)	0.023 kg
Approval and Application	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1365423
CE mark	Yes
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 to +45 °C

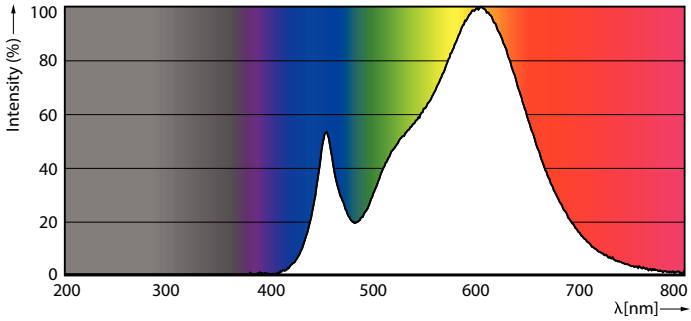
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	LEDbulb ND 8-60W A60 E27 830 12CT
Full product name	LEDbulb ND 8-60W A60 E27 830 12CT
Full product code	872016932469500
Order code	929003607409
Material Nr. (12NC)	929003607409
Numerator - Quantity Per Pack	12
EAN/UPC - Product/Case	8720169324695
Numerator - Packs per outer box	3
EAN/UPC - Case	8720169324701

Dimensional drawing

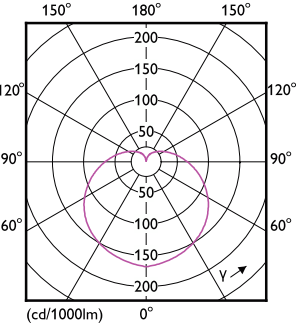


Product	D	C
LEDbulb ND 8-60W A60 E27 830 12CT	60 mm	107 mm

Photometric data



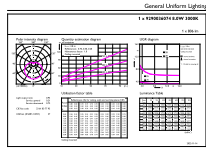
Spectral Power Distribution Colour - LEDbulb ND 8-60W A60 E27 830 12CT



Light Distribution Diagram - LEDbulb ND 8-60W A60 E27 830 12CT

## CorePro Plastic LEDbulbs

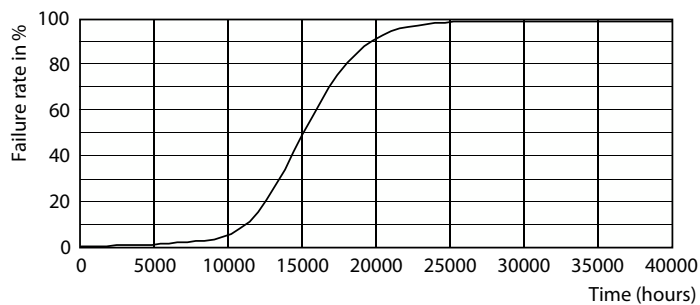
### Photometric data



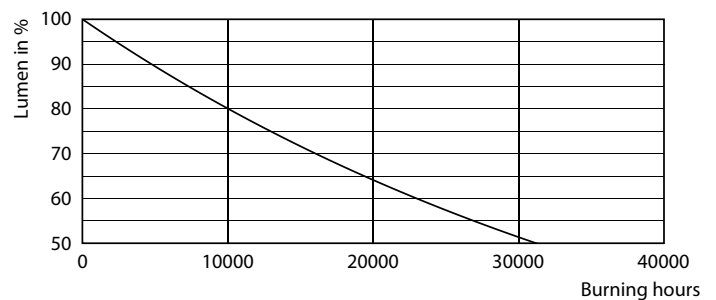
Calculated Parameters 4.5	Philips Lighting B.V.	Page 51
---------------------------	-----------------------	---------

General uniform lighting - LEDbulb ND 8-60W A60 E27 830 12CT

## Lifetime



### Life Expectancy Diagram



**Lumen Maintenance Diagram - LEDbulb ND 8-60W A60 E27 830 12CT**

