



# CorePro Plastic LEDbulbs

## CorePro LEDbulb ND 8-60W A60 E27 865

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 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	806 lumen
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Nom)	46 mA
Wattage Equivalent	60 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	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	75 °C

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60 [A 60mm]

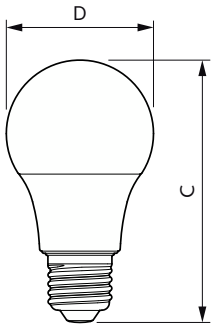
## Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	696290
EyeComfort	Yes

## Product Data

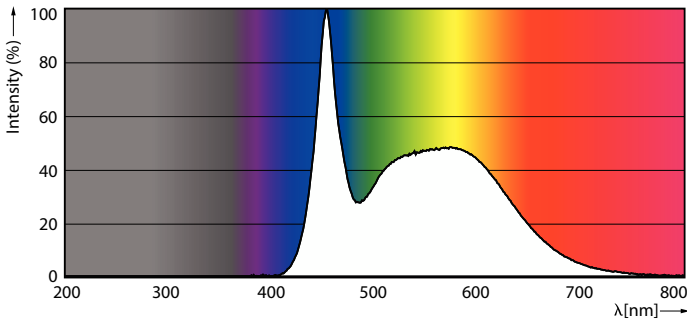
Full product code	872016916921000
Order product name	CorePro LEDbulb ND 8-60W A60 E27 865
Order code	929002306408
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002306408
Full product name	CorePro LEDbulb ND 8-60W A60 E27 865
EAN/UPC - Case	8720169169227
EAN/UPC - Product/Case	8720169169210

## Dimensional drawing

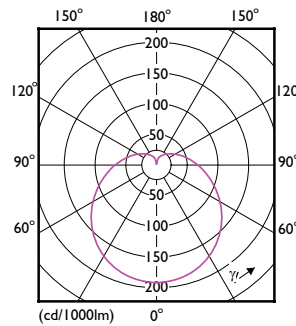


Product	D	C
CorePro LEDbulb ND 8-60W A60 E27 865	60 mm	108 mm

## Photometric data



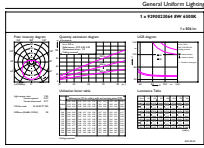
Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 865



Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 E27 865

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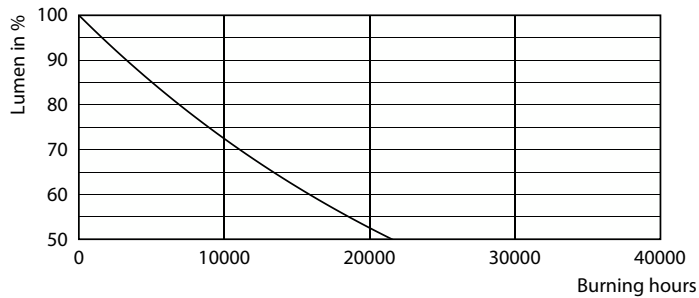
## Photometric data



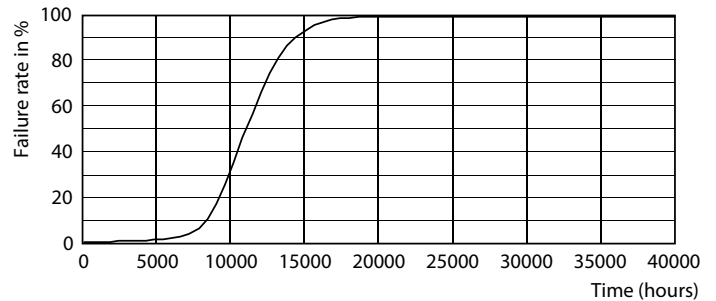
General Parameters 43 Philips Lighting B.V. Page 10

### General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 865

## Lifetime



Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 E27 865



Life Expectancy Diagram - CorePro LEDbulb ND 8-60W A60 E27 865

