



# CorePro Plastic LEDbulbs

## CorePro LEDbulb ND 8-60W A60 E27 840

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 and minimize maintenance cost.

### 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	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	806 lm
Color Designation	Cool White (CW)
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (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
Controls and Dimming	
Dimmable	No

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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60

## Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	397612
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

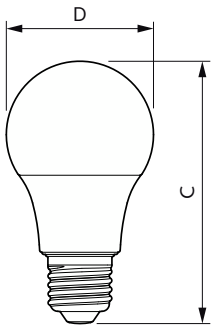
## Application Conditions

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

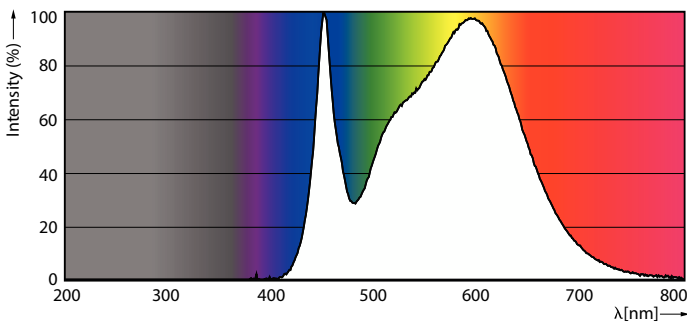
Order product name	CorePro LEDbulb ND 8-60W A60 E27 840
Full product name	CorePro LEDbulb ND 8-60W A60 E27 840
Full product code	872016916905000
Order code	16905000
Material Nr. (12NC)	929002306308
Net Weight (Piece)	0.029 kg
EAN/UPC - Product/Case	8720169169050
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169169067

## Dimensional drawing

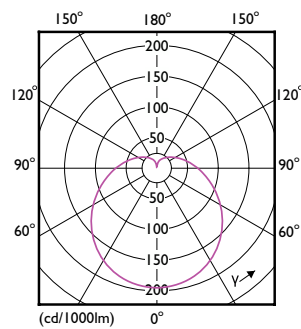


Product	D	C
CorePro LEDbulb ND 8-60W A60 E27 840	60 mm	108 mm

## Photometric data



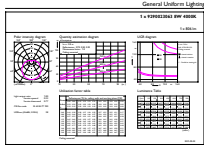
Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 840



Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 E27 840

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## Photometric data



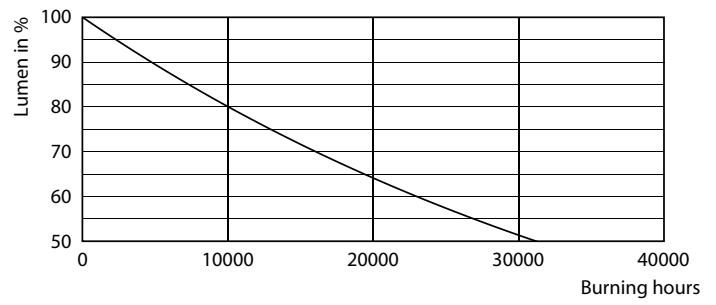
General of Parameters 41 Philips Lighting B.V. Page 107

General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 840

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 E27 840

