

PHILIPS**Lighting**

CorePro Plastic LEDbulbs

CorePro LEDbulb ND 8-60W A60 E27 840

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	8 W
Lighting Technology	LED	Lamp Current (Nom)	46 mA
Flux measurement reference	Sphere	Wattage Equivalent	60 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	180 degree(s)	Power Factor (Fraction)	0.54
Luminous Flux	806 lm	Voltage (Nom)	220-240 V
Color Designation	Cool White (CW)	Temperature	
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	75 °C
Luminous Efficacy (rated) (Nom)	100 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color rendering index (CRI)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Photobiological safety according to EN 62471	RGO		

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Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.029 kg

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
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

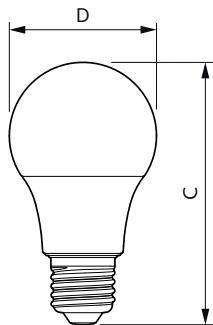
Application Conditions

can it be used in closed luminaires	No
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Product Data

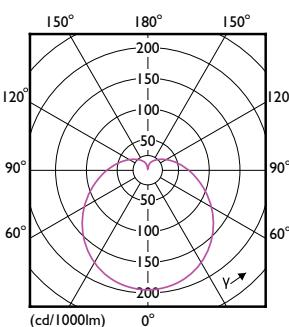
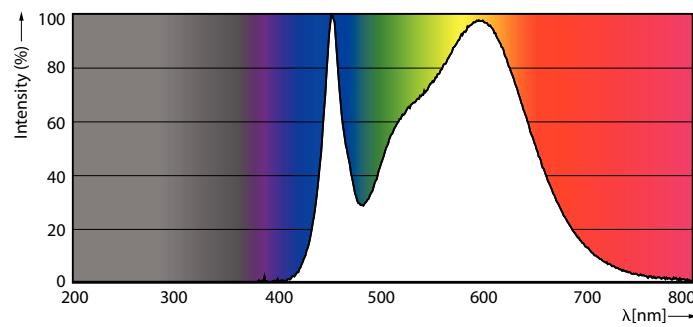
Order product name	CorePro LEDbulb ND 8-60W A60 E27 840
Full product name	CorePro LEDbulb ND 8-60W A60 E27 840
Full product code	872016916905000
Order code	929002306308
Material Nr. (12NC)	929002306308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169169050
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169169067

Dimensional drawing



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

Photometric data

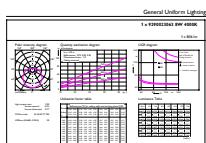


Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27
840

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

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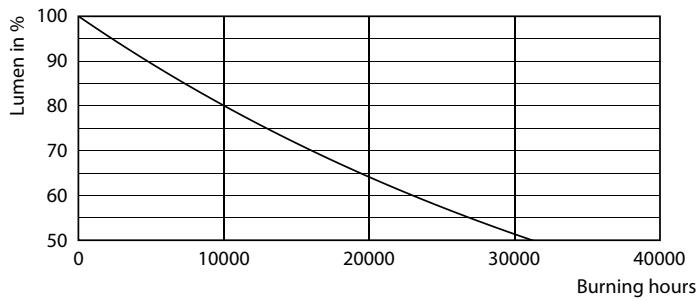
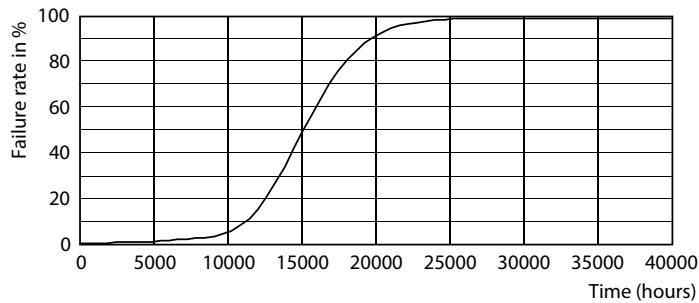
Photometric data



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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

