Lighting

PHILIPS



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 4.9-40W A60 E27 830

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)	200 degree(s)
Luminous Flux	470 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 К
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp Current (Nom)	45 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °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)	0.028 kg	

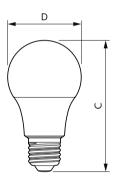
Approval and Application	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1354588
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C
Application Conditions	

No

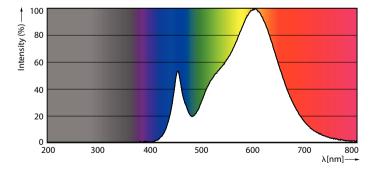
Product Data	
Order product name	CorePro LEDbulb ND 4.9-40W A60 E27
	830
Full product name	CorePro LEDbulb ND 4.9-40W A60 E27
	830
Full product code	871869657993000
Order code	929003603432
Material Nr. (12NC)	929003603432
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696579930
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169165359

Dimensional drawing

can it be used in closed luminaires

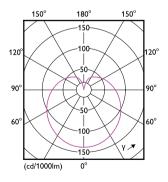


CorePro LEDbulb ND 4.9-40W A60 E27 830 60 mm 110 mm	Product	D	с
	CorePro LEDbulb ND 4.9-40W A60 E27 830	60 mm	110 mm



Spectral Power Distribution Colour - CorePro LEDbulb ND 4.9-40W A60 E27 830

Photometric data





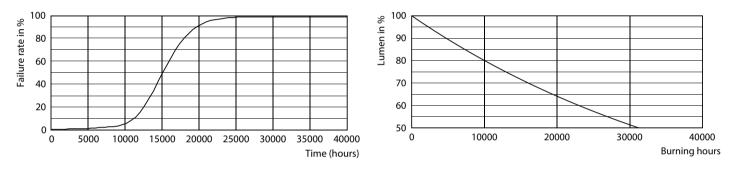
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Photometric data

	1 x \$290626034 4.9W 3008K
	149930
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General uniform lighting - CorePro LEDbulb ND 4.9-40W A60 E27 830

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDbulb ND 4.9-40W A60 E27 830



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