PHILIPS Lighting



CorePro LEDbulb



CorePro LEDbulb ND 8-60W A60 B22 927 UK

LEDbulbs are compatible with existing fixtures with an E27 holder and are designed for retrofit replacement of incandescent bulbs.

Product data

General Information	
Cap base	B22
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Colour Code	927 [CCT of 2700K]
Beam angle (nom.)	180 degree(s)
Luminous Flux	806 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471 RG0	
Operating and Electrical	

Line Frequency	50 Hz
Input frequency	50 Hz
Power Consumption	8 W
Lamp current (nom.)	65 mA
Wattage equivalent	60 W

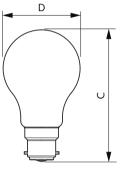
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	95 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Bulb shape	A60
Net Weight (Piece)	0.027 kg
Approval and Application	
Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	1211082
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

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Ambient temperature range	-20°C to 45°C
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	CorePro LEDbulb ND 8-60W A60 B22
	927 UK
Full product name	CorePro LEDbulb ND 8-60W A60 B22
	927 UK

Full EOC	871951444284900
Order code	44284900
Material no. (12 NC)	929003543799
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514442849
Numerator – packs per outer box	10
EAN/UPC - Case	8719514442856

Dimensional drawing

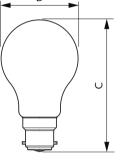


Product с CorePro LEDbulb ND 8-60W A60 B22 927 UK 60 mm 105 mm

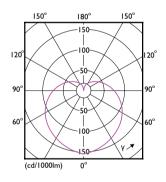
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100 t Intensity (%) 80 60 40 20 0 200 800 λ[nm]—► 300 400 500 600 700

Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 B22 927 UK



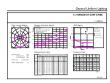
Photometric data



Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 B22 927 UK

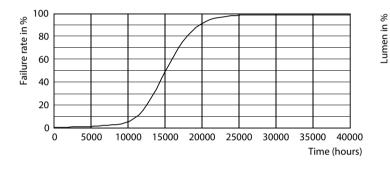
CorePro LEDbulb

Photometric data



General uniform lighting - CorePro LEDbulb ND 8-60W A60 B22 927 UK

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 B22 927 UK



100

90

80

70

60

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