



CorePro LEDbulb



CoreProLEDbulb ND 13-100W A60 E27 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	E27
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	1,521 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	117 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471 RGO	
Operating and Electrical	
Line Frequency	50 Hz
Input frequency	50 Hz
Power Consumption	13 W
Lamp current (nom.)	100 mA
Wattage equivalent	100 W

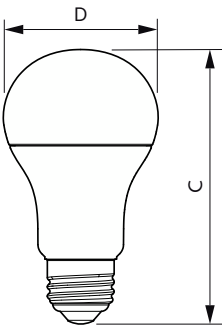
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	105 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Bulb shape	A60
Net Weight (Piece)	0.042 kg
Approval and Application	
Energy Efficiency Class	E
Energy consumption kWh/1,000 hours	13 kWh
EPREL Registration Number	1211081
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	CoreProLEDbulb ND 13-100W A60 E27 927 UK
Full product name	CoreProLEDbulb ND 13-100W A60 E27 927 UK

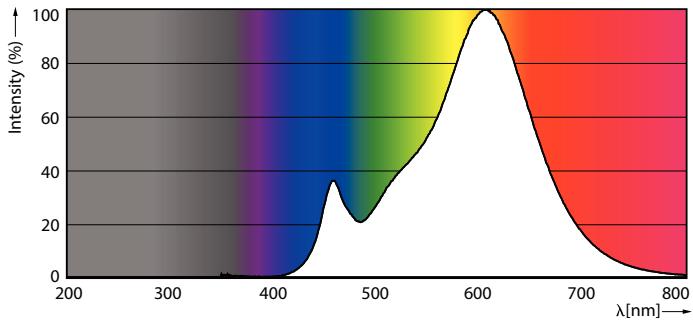
Full EOC	871951444294800
Order code	44294800
Material no. (12 NC)	929003003799
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514442948
Numerator – packs per outer box	10
EAN/UPC – Case	8719514442955

Dimensional drawing

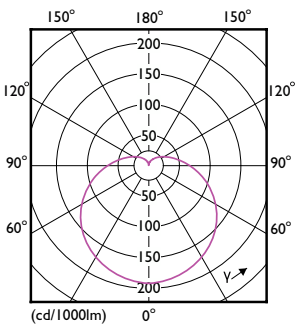


Product	D	C
CoreProLEDbulb ND 13-100W A60 E27 927 UK	60 mm	120 mm

Photometric data



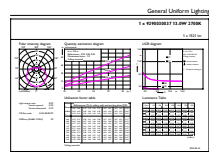
Spectral Power Distribution Colour - CoreProLEDbulb ND 13-100W A60 E27 927 UK



Light Distribution Diagram - CoreProLEDbulb ND 13-100W A60 E27 927 UK

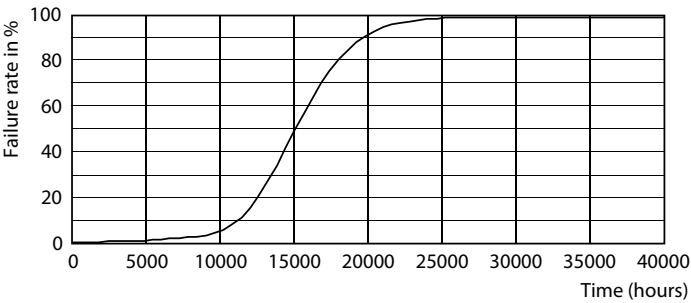
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Photometric data

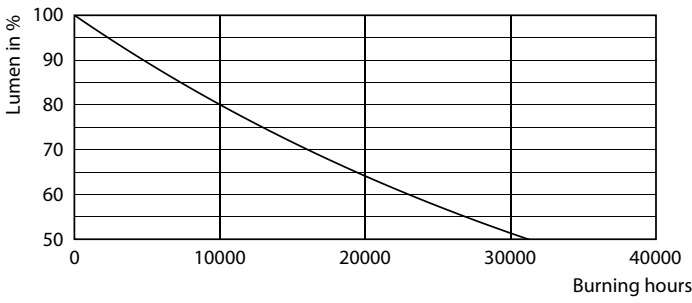


General uniform lighting - CoreProLEDbulb ND 13-100W A60 E27 927 UK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CoreProLEDbulb ND 13-100W A60 E27 927 UK

