



CorePro LEDbulb

CorePro LEDbulb ND 12.5-100W A60 E27 940

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	940 [CCT of 4000K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	1,521 lm
Luminous efficacy (rated) (nom.)	121.00 lm/W
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	0.1
Stroboscopic effect	0.4
Photobiological safety according to EN 62471 RGO	

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	12.5 W

Temperature	
T-Case maximum (nom.)	95 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	A60

Approval and Application	
Energy Efficiency Class	E
Energy consumption kWh/1,000 hours	13 kWh
EPREL registration number	438128
EU RoHS compliant	Yes
EyeComfort	Yes

Energy Efficiency	
Lamp current (nom.)	105 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

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Application Conditions

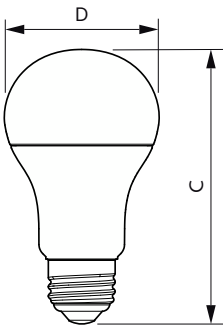
Can it be used in closed luminaires	No
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Product Data

Order product name	CorePro LEDbulb ND 12.5-100W A60 E27 940
Full product name	CorePro LEDbulb ND 12.5-100W A60 E27 940
Full EOC	871951432970600

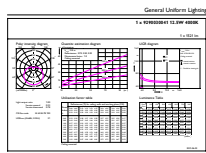
Order code	32970600
Material no. (12 NC)	929003004102
Numerator – quantity per pack	1
Net Weight (Piece)	0.076 kg
EAN/UPC – Product/Case	8719514329706
Numerator – packs per outer box	10
EAN/UPC – Case	8719514329713

Dimensional drawing

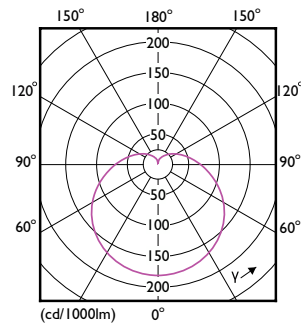


Product	D	C
CorePro LEDbulb ND 12.5-100W A60 E27 940	60 mm	110 mm

Photometric data



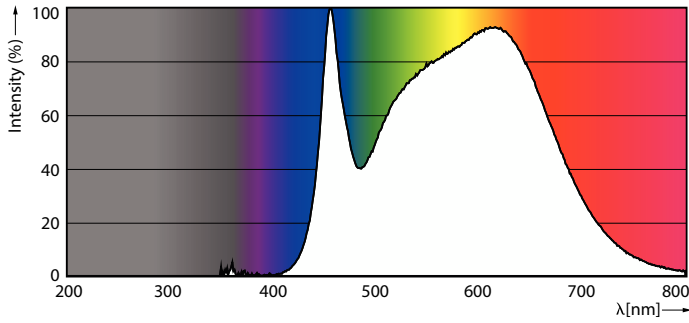
General Uniform Lighting - CorePro LEDbulb ND 12.5-100W A60 E27 940



Light Distribution Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 940

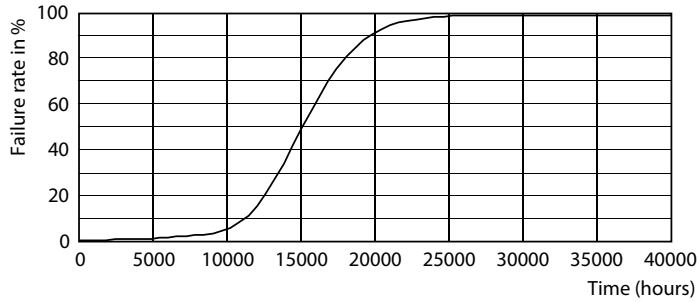
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Photometric data

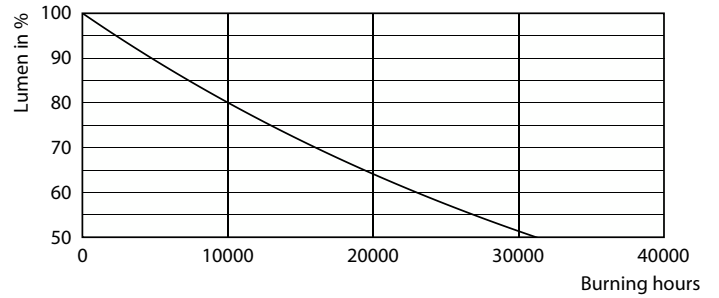


Spectral Power Distribution Colour - CorePro LEDbulb ND 12.5-100W A60 E27 940

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 940

