



# CorePro LEDbulb

## CorePro LEDbulb ND 12.5-100W A60 E27 940

CorePro, LEDbulb, A60M, 100 W, E27, 4000 K, 1521 lm, CRI 90, 15000 h, Plastic

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	LEDbulb
Flux measurement reference	Sphere
Warranty period	2 years
Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	1,521 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	121.00 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 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	12.5 W
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

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

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Bulb shape	A60M

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Net Weight (Piece)	0.076 kg
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## 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
Flickering value (PstLM)	0.1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

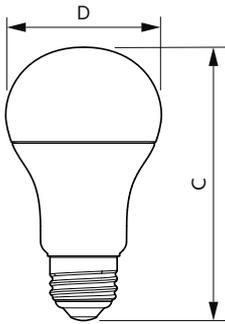
## Application Conditions

Can it be used in closed luminaires	No
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## Product Data

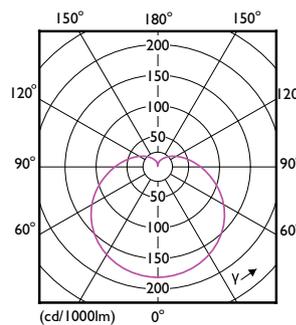
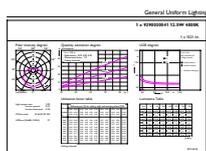
Order product name	CorePro LEDbulb ND 12.5-100W A60 E27 940
Full product name	CorePro LEDbulb ND 12.5-100W A60 E27 940
Full EOC	871951432970600
Order code	929003004102
Material no. (12 NC)	929003004102
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514329706
Numerator – packs per outer box	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

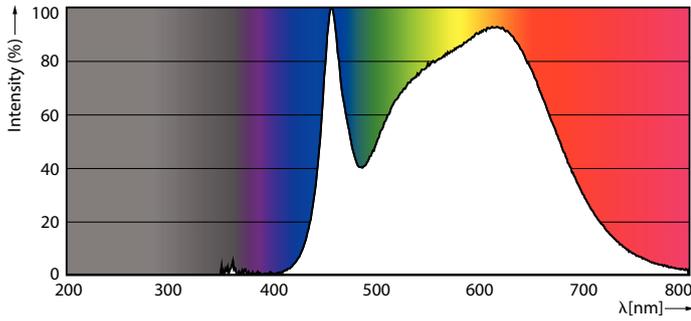


General uniform lighting - CorePro LEDbulb ND 12.5-100W A60 E27 940

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

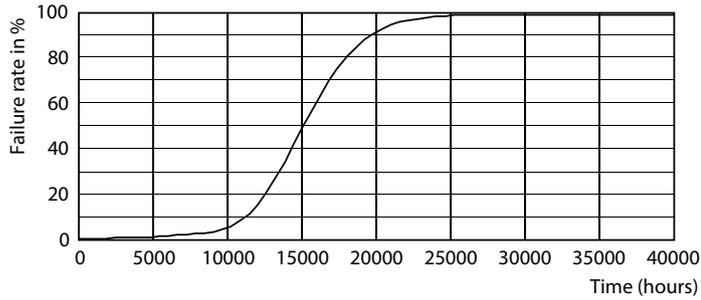
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## Photometric data

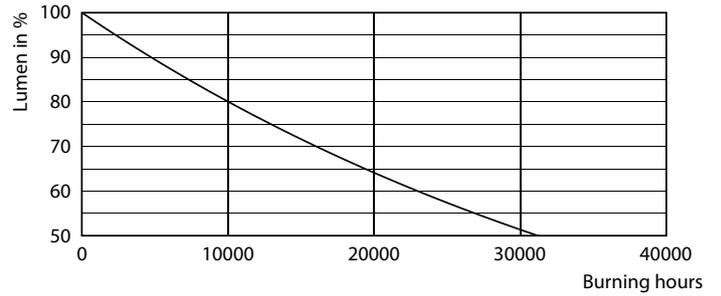


Spectral Power Distribution Colour - CorePro LEDbulb ND 12.5-100W A60 E27 940

## Lifetime



Life Expectancy Diagram



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

