



# **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 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 ℃
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

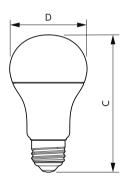
Datasheet, 2023, April 15 data subject to change

# CorePro LEDbulb

Application Conditions		
Can it be used in closed luminaires	No	
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	

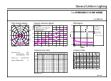
Order code	32970600
Material no. (12 NC)	929003004102
Numerator – quantity per pack	1
Net Weight (Piece)	0.076 kg
EAN/UPC — Product/Case	8719514329706
Numerator – packs per outer box	10
EAN/UPC - Case	8719514329713

## Dimensional drawing



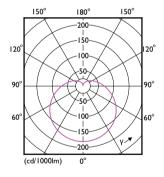
Product	D	С
CorePro LEDbulb ND 12.5-100W A60 E27 940	60 mm	110 mm

#### Photometric data





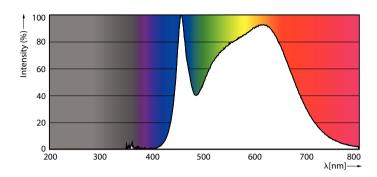
General uniform lighting - CorePro LEDbulb ND 12.5-100W A60 E27 940



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

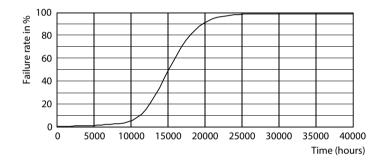
## CorePro LEDbulb

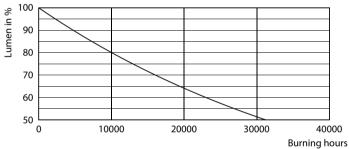
#### Photometric data



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



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