



# CorePro Plastic LEDbulbs

## CorePro LEDbulb ND 12.5-100W A60 E27 840

CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings and minimize maintenance cost.

#### **Product data**

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	12.5 W
Lamp Current (Nom)	115 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)	85 ℃
<b>Controls and Dimming</b>	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A60 [A 60mm]

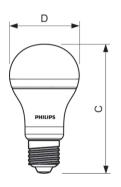
Datasheet, 2023, April 14 data subject to change

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Approval and Application		
Energy Efficiency Class	E	
Energy Consumption kWh/1000 h	13 kWh	
EPREL Registration Number	397637	
EyeComfort	Yes	
Product Data		
Order product name	CorePro LEDbulb ND 12.5-100W A60 E27 840	
Full product name	CorePro LEDbulb ND 12.5-100W A60 E27 840	

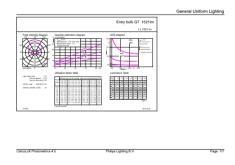
Full product code	871869651030800
Order code	929001312402
Material Nr. (12NC)	929001312402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696510308
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696510315

# Dimensional drawing

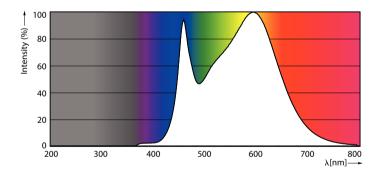


Product	D	С
CorePro LEDbulb ND 12.5-100W A60 E27 840	60 mm	110 mm

#### Photometric data



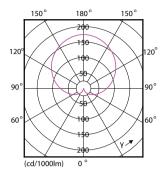
General uniform lighting - CorePro LEDbulb ND 12.5-100W A60 E27 840



Spectral Power Distribution Colour - CorePro LEDbulb ND 12.5-100W A60 E27 840

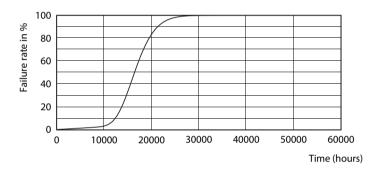
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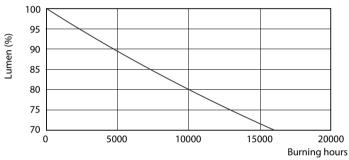
#### Photometric data



Light Distribution Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 840

#### Lifetime





Life Expectancy Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 840

Lumen Maintenance Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 840



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