



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 827

Delivering a warm, halogen-like accent beam, LEDspots are a perfect fit for spot lighting and have a broad compatibility with transformers. LEDspots are compatible with most existing fixtures with a GU10 / MR16 GU5.3 / E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDbulbs are compatible with existing fixtures with an E27 holder and are designed for retrofit replacement of incandescent bulbs. LEDcandle and LEDluster are compatible with existing fixtures with an E27/E14 holder and are designed for retrofit replacement of incandescent lamps. LEDlamps deliver huge energy savings and minimize maintenance cost

Product data

General Information	
Cap-Base	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	827 [CCT of 2700K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	117 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	13 W
Lamp Current (Nom)	120 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

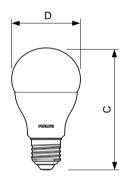
Datasheet, 2023, April 14 data subject to change

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Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A60
Approval and Application	
Energy Efficiency Class	E
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397628

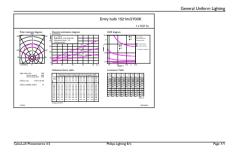
EyeComfort	Yes
Product Data	
Order product name	CorePro LEDbulb ND 13-100W A60 E27 827
Full product name	CorePro LEDbulb ND 13-100W A60 E27 827
Full product code	871869649074700
Order code	929001234502
Material Nr. (12NC)	929001234502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696490747
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696490754

Dimensional drawing

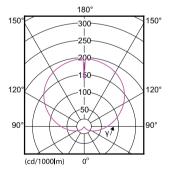


Product	D	С
CorePro LEDbulb ND 13-100W A60 E27 827	60 mm	110 mm

Photometric data



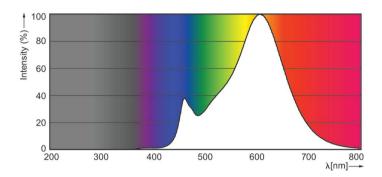
General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 827



Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 827

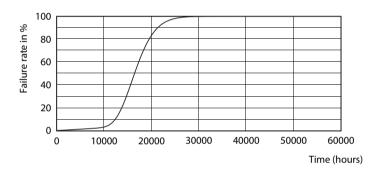
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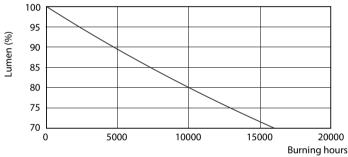
Photometric data



Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 827

Lifetime





Life Expectancy Diagram - CorePro LEDbulb ND 13-100W A60 E27 827

Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 827



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