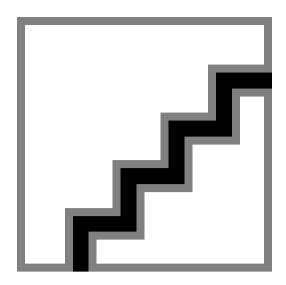# CorePro Plastic LEDbulbs

CorePro LEDbulb D 16-100W 827 E27

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. 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 of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

General Information

Cap-Base	E27 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
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)	95.00 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	16 W
Lamp Current (Nom)	90 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	75 ℃

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Frosted

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Bulb Shape	A67 [A 67mm]

Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	16 kWh

Product Data

Order product name	CorePro LEDbulb D 16-100W 827 E27
Full product name	CorePro LEDbulb D 16-100W 827 E27

Full product code	871869647875200
Order code	929001158902
Material Nr. (12NC)	929001158902
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696478752
Numerator – Packs per outer box	10
EAN/UPC – Case	8718696478769

Dimensional drawing

Product	D	C
CorePro LEDbulb D 16-100W 827 E27	68 mm	132 mm

Photometric data

Light Distribution Diagram – CorePro LEDbulb D 16-100W 827 E27

Spectral Power Distribution Colour – CorePro LEDbulb D 16-100W 827 E27

www.lighting.philips.com

2023, October 26 – data subject to change