



CorePro Plastic LEDbulbs

CorePro LEDbulb D 16-100W 827 E27

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 [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 %
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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 °C

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	A67 [A 67mm]

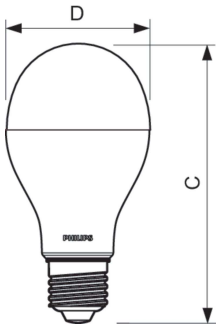
Approval and Application

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

Product Data

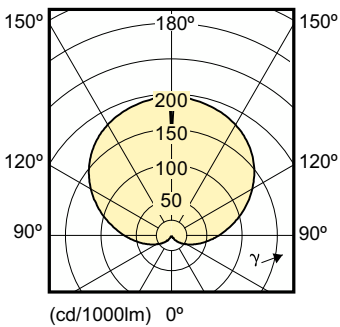
Order product name	CorePro LEDbulb D 16-100W 827 E27
Full product name	CorePro LEDbulb D 16-100W 827 E27
Full product code	871869647875200
Order code	929001158902
Material Nr. (12NC)	929001158902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696478752
Numerator - Packs per outer box	10
EAN/UPC - 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

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