



CorePro Plastic LEDbulbs



CorePro LEDbulb ND 12.5-100W A60 E27 865

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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	121.00 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	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 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A60

Approval and Application	
Energy Efficiency Class	E

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Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397638
EyeComfort	Yes

Application Conditions

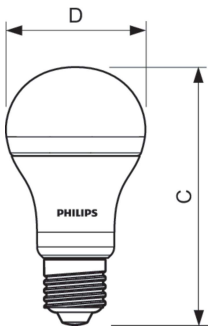
can it be used in closed luminaires	No
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Product Data

Order product name	CorePro LEDbulb ND 12.5-100W A60 E27 865
Full product name	CorePro LEDbulb ND 12.5-100W A60 E27 865

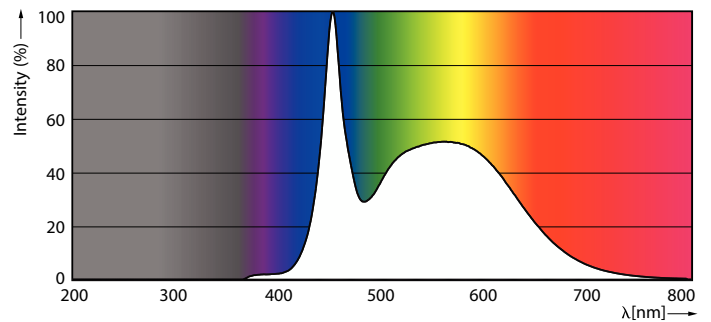
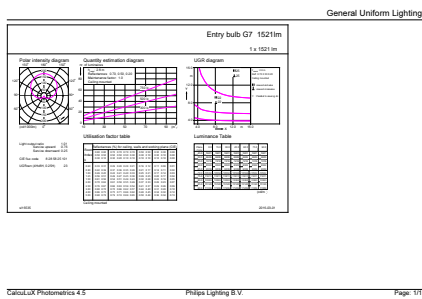
Full product code	871869657781300
Order code	57781300
Material Nr. (12NC)	929001312502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696577813
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696577820

Dimensional drawing



Product	D	C
CorePro LEDbulb ND 12.5-100W A60 E27 865	60 mm	110 mm

Photometric data

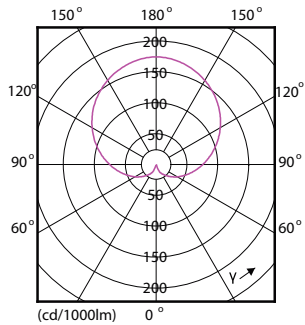


General uniform lighting - CorePro LEDbulb ND 12.5-100W A60 E27 865

Spectral Power Distribution Colour - CorePro LEDbulb ND 12.5-100W A60 E27 865

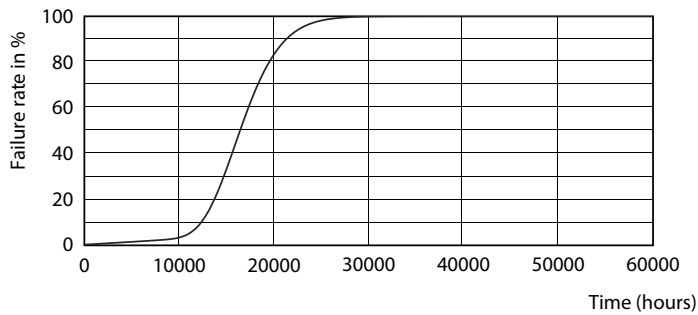
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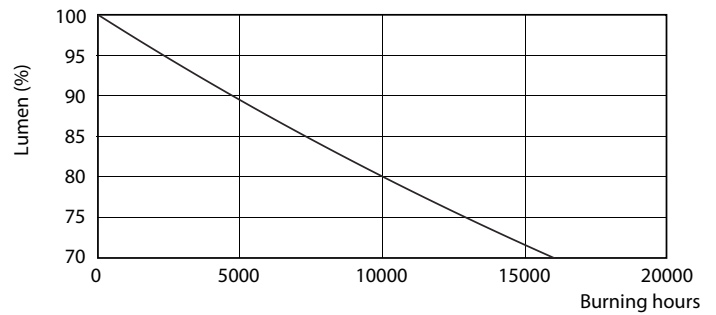


Light Distribution Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 865

Lifetime



Life Expectancy Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 865



Lumen Maintenance Diagram - CorePro LEDbulb ND 12.5-100W A60 E27 865

