PHILIPS

CorePro
LEDBulbND10.5-100W
E27A60 827CLG
929002026192



CorePro, LEDbulb, A60, not dimmable, 100 W, E27, 2700 K, 1521 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, A60, not dimmable, 100 W, E27, 2700 K, 1521 lm, CRI 80, 15000 hour(s), Glass, 144 lm/W, EEL D, PF 0.52, Beam angle 300 degree(s), RG1, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	2 years

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	10.5 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.52
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	55 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.030 kg

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	387429
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

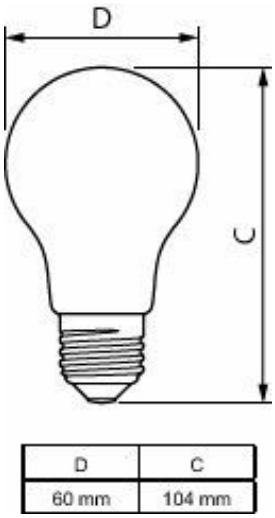
Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

Order product name	CorePro LEDBulbND10.5-100W E27A60 827CLG
Full product name	CorePro LEDBulbND10.5-100W E27A60 827CLG
Full product code	871951434714400
Order code	929002026192
Material Nr. (12NC)	929002026192
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347144
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347151

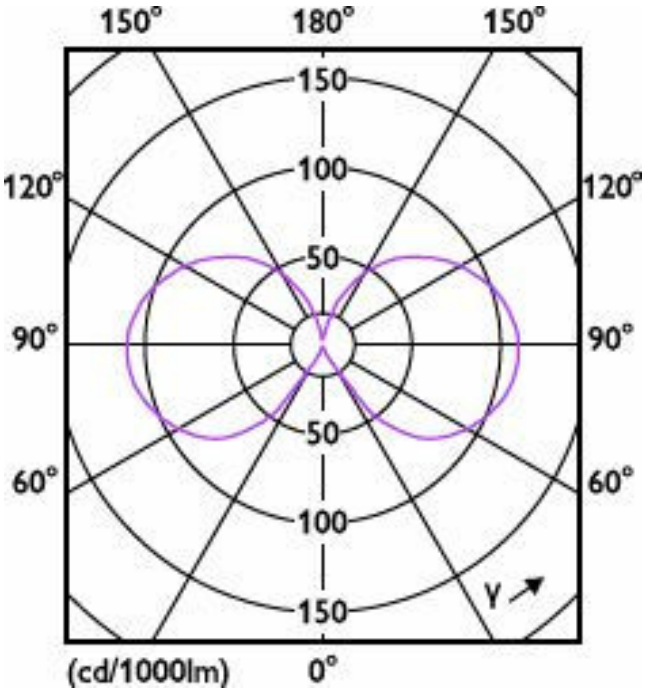
Dimensional drawing



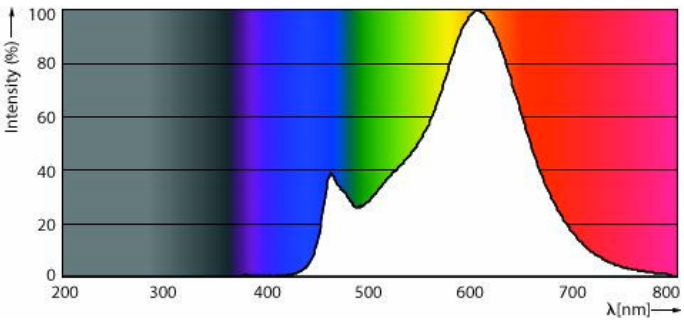
D	C
60 mm	104 mm

Product	D	C
CorePro LEDBulbND10.5-100W E27A60 827CLG	60 mm	104 mm

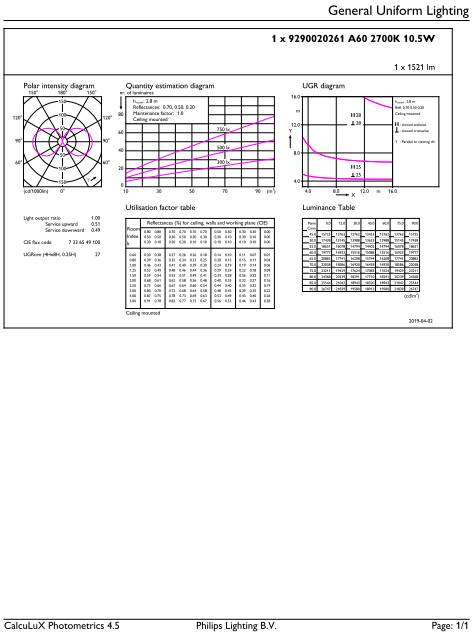
Photometric data



Light Distribution Diagram - CorePro LEDBulbND10.5-100W E27A60 827CLG

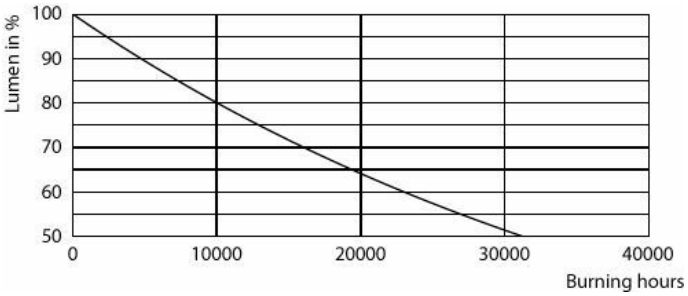


Spectral Power Distribution Colour - CorePro LEDBulbND10.5-100W E27A60 827CLG

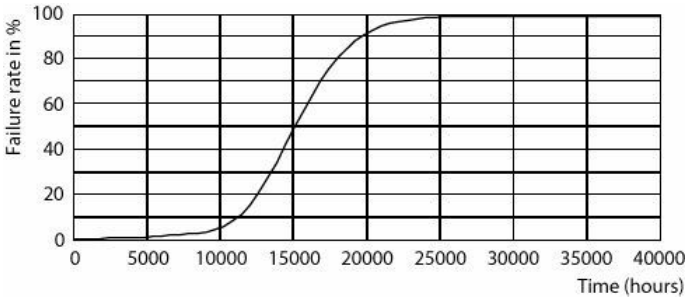


General uniform lighting - CorePro LEDBulbND10.5-100W E27A60 827CLG

Lifetime



Lumen Maintenance Diagram - CorePro LEDBulbND10.5-100W E27A60 827CLG



Life Expectancy Diagram

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-Glass-LED-bulbs-COMF-8793379-Ref-929001387692-20240903-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LED Bulb A60 E27 Clear-IES.ies	Download

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