PHILIPS

CorePro
LEDBulbND4.5-40W E27
A60 827FR G
929001242992



CorePro, LEDbulb, A60, not dimmable, 40 W, E27, 2700 K, 470 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, A60, not dimmable, 40 W, E27, 2700 K, 470 lm, CRI 80, 15000 hour(s), Glass, 104.00 lm/W, EEL F, PF 0.51, 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	30,000
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	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	104.00 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	4.5 W
Lamp Current (Nom)	40 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.51
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	50 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

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

Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387365
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

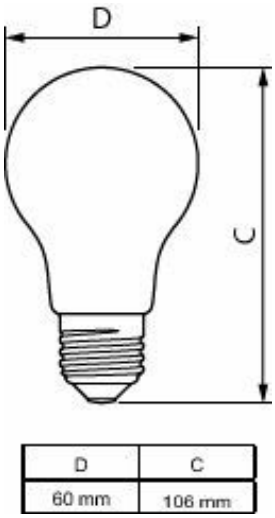
Application Conditions

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

Product Data

Order product name	CorePro LEDBulbND4.5-40W E27 A60 827FR G
Full product name	CorePro LEDBulbND4.5-40W E27 A60 827FR G
Full product code	871951436130000
Order code	929001242992
Material Nr. (12NC)	929001242992
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514361300
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514361317

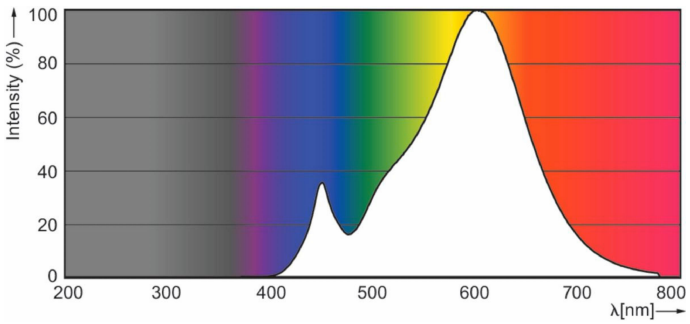
Dimensional drawing



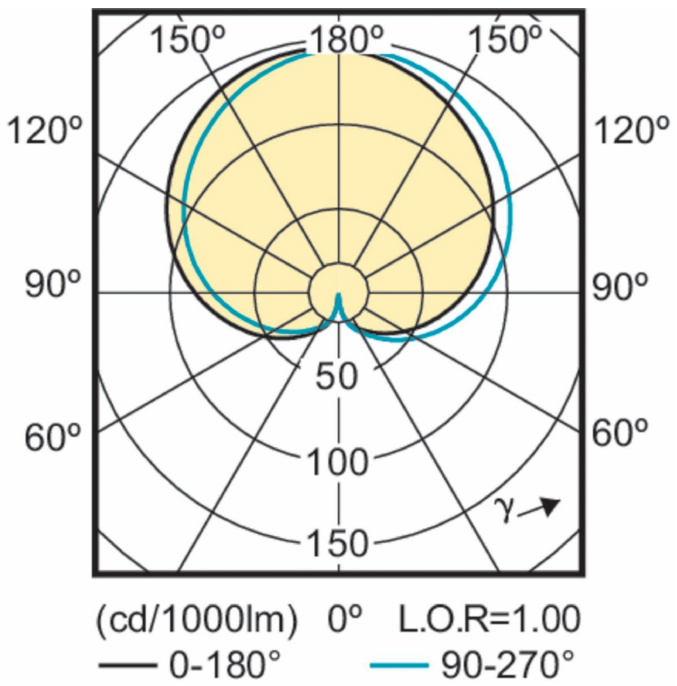
D	C
60 mm	106 mm

Product	D	C
CorePro LEDBulbND4.5-40W E27 A60 827FR G	60 mm	106 mm

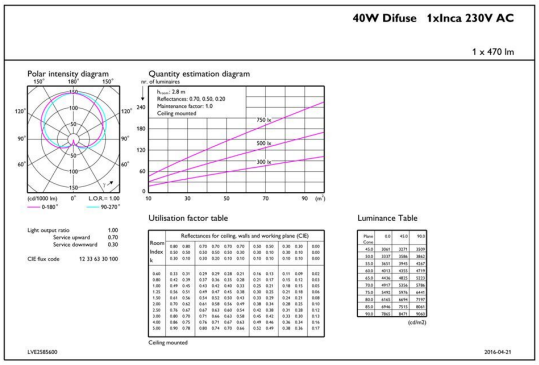
Photometric data



Spectral Power Distribution Colour - CorePro LEDBulbND4.5-40W E27 A60 827FR G

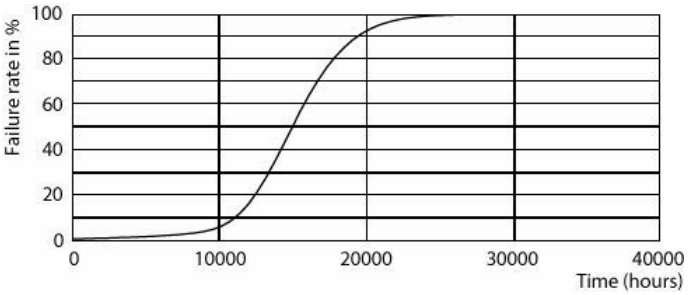


Light Distribution Diagram - CorePro LEDBulbND4.5-40W E27 A60 827FR G

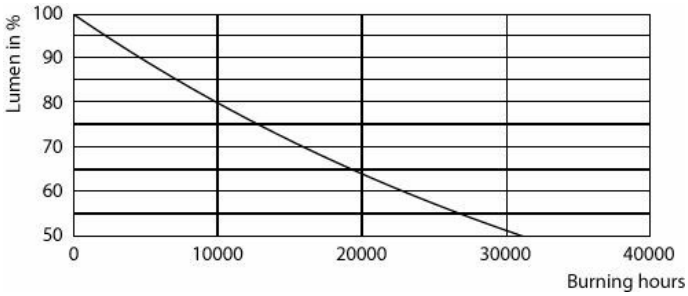


General uniform lighting - CorePro LEDBulbND4.5-40W E27 A60 827FR G

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDBulbND4.5-40W E27 A60 827FR G

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	LEDClassic_40W_A60_E27_2700K_470lm_FR_IES.ies	Download

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