PHILIPS

CorePro
LEDBulbND8.5-75W E27
A60 827FR G
929002025702



CorePro, LEDbulb, A60, not dimmable, 75 W, E27, 2700 K, 1055 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, A60, not dimmable, 75 W, E27, 2700 K, 1055 lm, CRI 80, 15000 hour(s), Glass, 124.00 lm/W, EEL E, 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	1,055 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	124.00 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	8.5 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	75 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)	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	E
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	387425
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

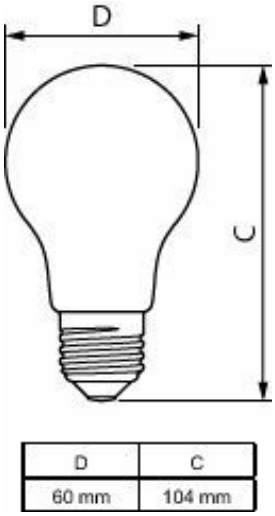
Application Conditions

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

Product Data

Order product name	CorePro LEDBulbND8.5-75W E27 A60 827FR G
Full product name	CorePro LEDBulbND8.5-75W E27 A60 827FR G
Full product code	871951436126300
Order code	929002025702
Material Nr. (12NC)	929002025702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514361263
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514361270

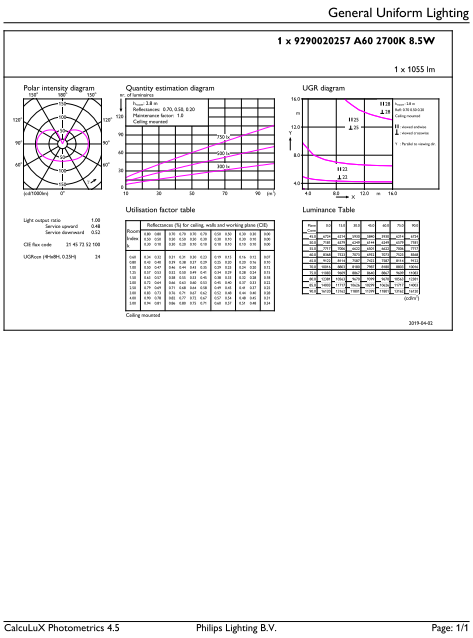
Dimensional drawing



D	C
60 mm	104 mm

Product	D	C
CorePro LEDBulbND8.5-75W E27 A60 827FR G	60 mm	104 mm

Photometric data


General Uniform Lighting

1 x 9290020257 A60 2700K 8.5W

1 x 1055 lm

Polar intensity diagram

Quantity estimation diagram

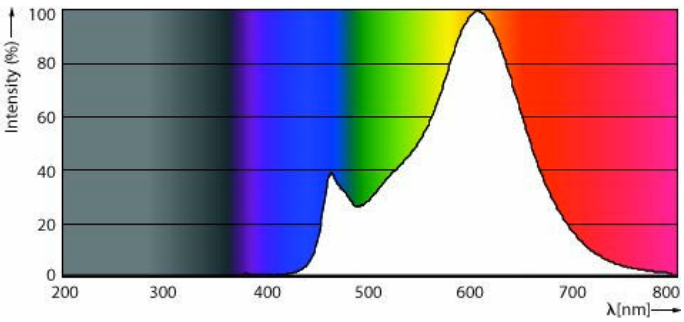
UGR diagram

Utilisation factor table

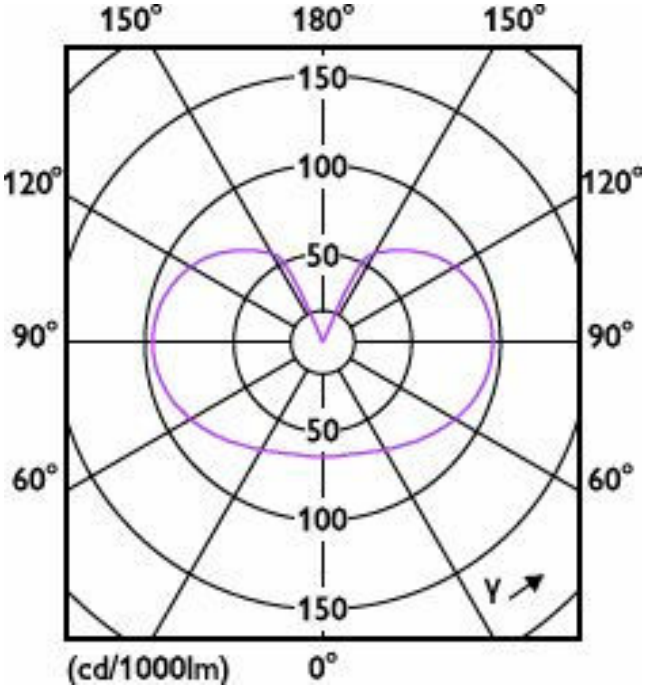
Luminance Table

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General uniform lighting - CorePro LEDBulbND8.5-75W E27 A60 827FR G

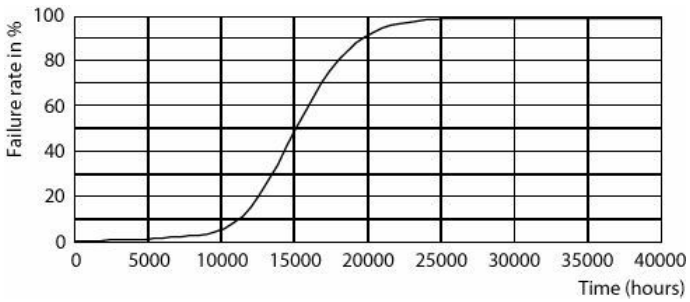


Spectral Power Distribution Colour - CorePro LEDBulbND8.5-75W E27 A60 827FR G

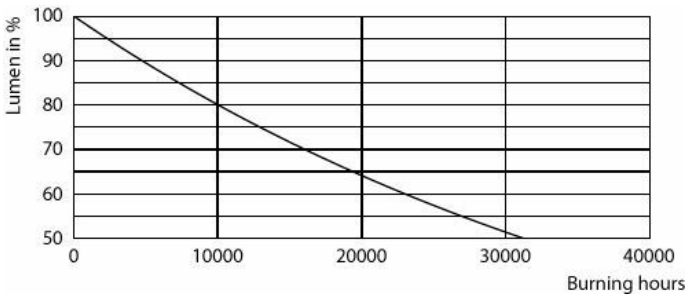


Light Distribution Diagram - CorePro LEDBulbND8.5-75W E27 A60 827FR G

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDBulbND8.5-75W 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	LEDbulb_8,5W_E27_A60_827_FR-IES.IES	Download

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