PHILIPS

CorePro
LEDLusterND4.3-40W
E14 827P45FRG
929001345592



CorePro, LEDbulb, P45, not dimmable, 40 W, E14, 2700 K, 470 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, P45, not dimmable, 40 W, E14, 2700 K, 470 lm, CRI 80, 15000 hour(s), Glass, 109.00 lm/W, EEL F, PF 0.5, Beam angle 300 degree(s), RG1, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	E14
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	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	109.00 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	4.3 W
Lamp Current (Nom)	35 mA
Wattage Equivalent	40 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)	55 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	P45
Net Weight (Piece)	0.014 kg

Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387384
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

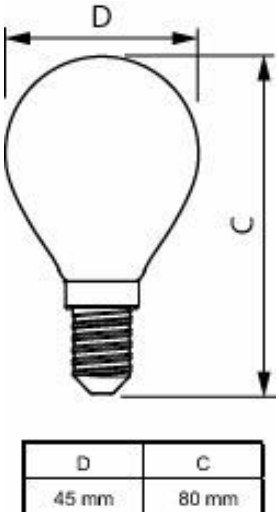
Application Conditions

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

Product Data

Order product name	CorePro LEDLusterND4.3-40W E14 827P45FRG
Full product name	CorePro LEDLusterND4.3-40W E14 827P45FRG
Full product code	871951434720500
Order code	929001345592
Material Nr. (12NC)	929001345592
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347205
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347212

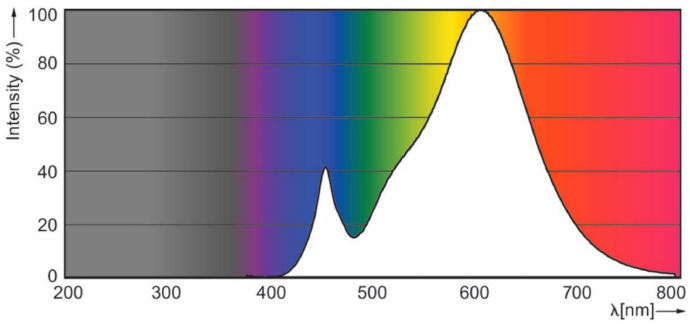
Dimensional drawing



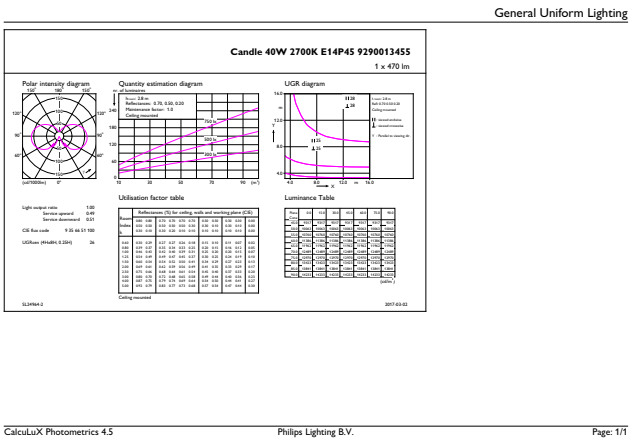
D	C
45 mm	80 mm

Product	D	C
CorePro LEDLusterND4.3-40W E14 827P45FRG	45 mm	80 mm

Photometric data



Spectral Power Distribution Colour - CorePro LEDLusterND4.3-40W E14 827P45FRG


General Uniform Lighting

Candle 40W 2700K E14P45 9290013455

1 x 470 lm

Polar intensity diagram

Quantity estimation diagram

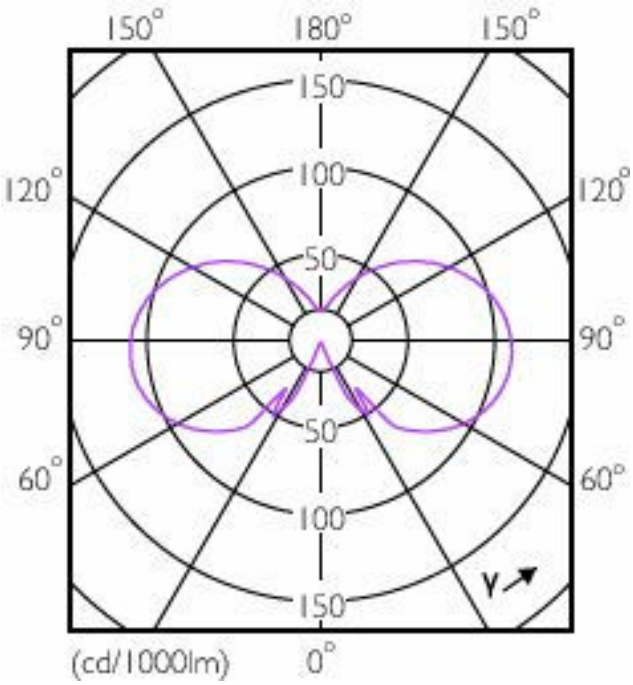
UGR diagram

Utilisation factor table

Luminance Table

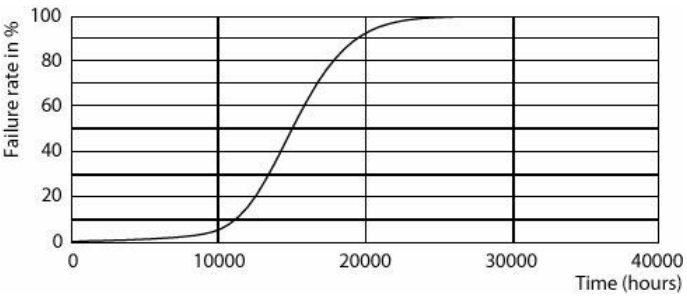
CalcuLuX Photometrics 4.5 Philips Lighting B.V. Page: 1/1

General uniform lighting - CorePro LEDLusterND4.3-40W E14 827P45FRG

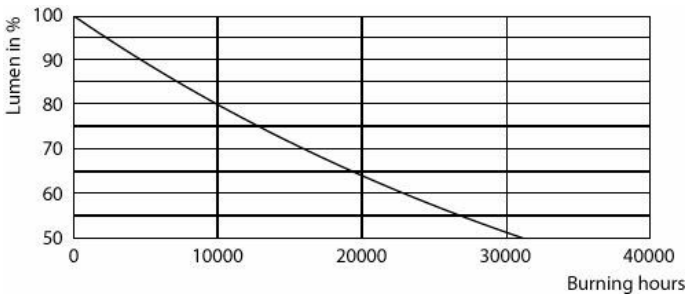


Light Distribution Diagram - CorePro LEDLusterND4.3-40W E14 827P45FRG

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDLusterND4.3-40W E14 827P45FRG

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-Glass-LED-candles-and-luster-COMF-8799442-Ref-929001345392-20240903-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDbulb_40W_E14_827_FR_P45-IES.ies	Download

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