PHILIPS

CorePro
LEDLusterND6.5-60W
P45 E27827FRG
929002029292



CorePro, LEDbulb, P45, not dimmable, 60 W, E27, 2700 K, 806 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, P45, not dimmable, 60 W, E27, 2700 K, 806 lm, CRI 80, 15000 hour(s), Glass, 124.00 lm/W, EEL E, PF 0.55, 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	806 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	6.5 W
Lamp Current (Nom)	50 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.55
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	E
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	1825190
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

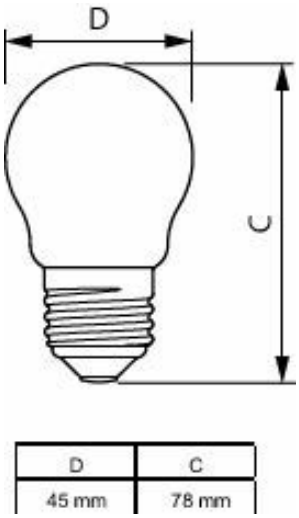
Application Conditions

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

Product Data

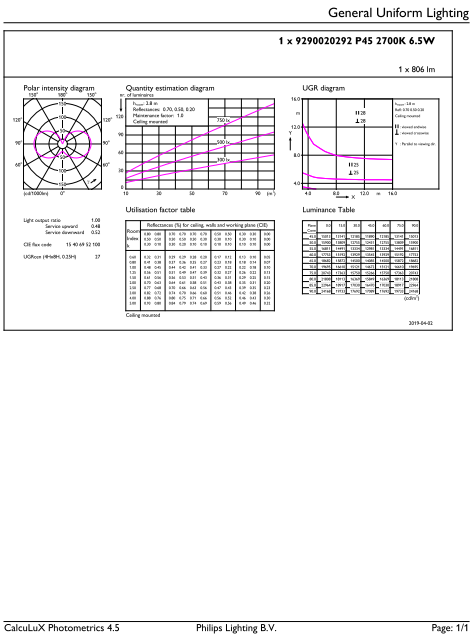
Order product name	CorePro LEDLusterND6.5-60W P45 E27827FRG
Full product name	CorePro LEDLusterND6.5-60W P45 E27827FRG
Full product code	871951434768700
Order code	929002029292
Material Nr. (12NC)	929002029292
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347687
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347694

Dimensional drawing



Product	D	C
CorePro LEDLusterND6.5-60W P45 E27827FRG	45 mm	78 mm

Photometric data


General Uniform Lighting

1 x 9290020292 P45 2700K 6.5W

1 x 806 lm

Polar intensity diagram

Quantity estimation diagram

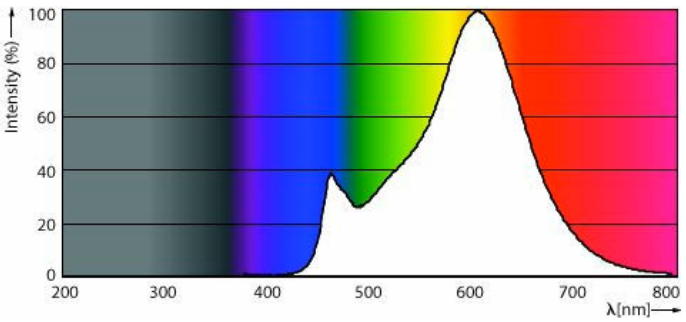
UGR diagram

Utilisation factor table

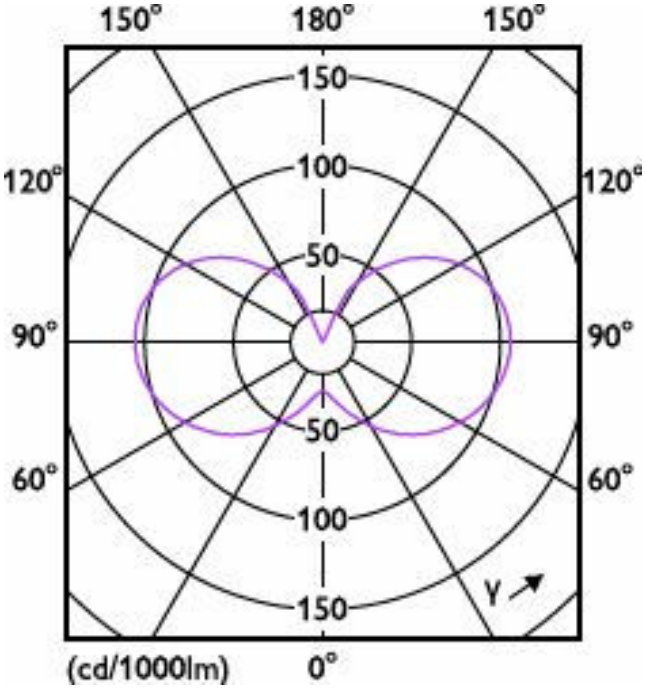
Luminance Table

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General uniform lighting - CorePro LEDLusterND6.5-60W P45 E27827FRG

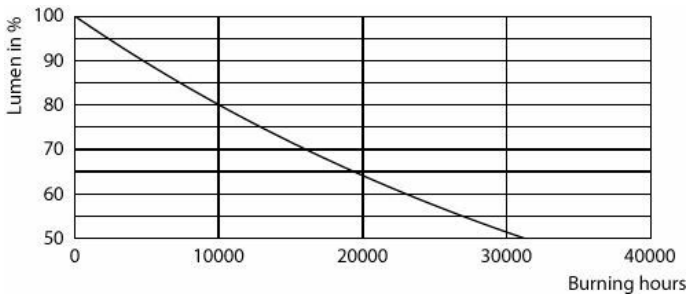


Spectral Power Distribution Colour - CorePro LEDLusterND6.5-60W P45 E27827FRG

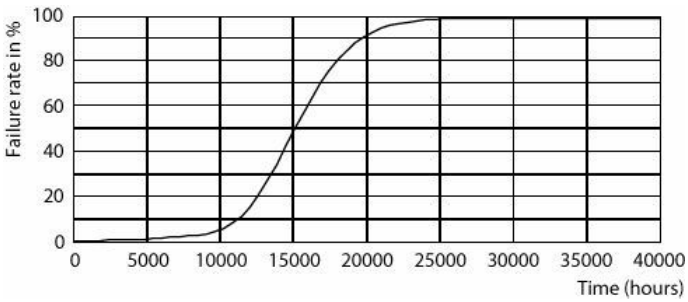


Light Distribution Diagram - CorePro LEDLusterND6.5-60W P45 E27827FRG

Lifetime



Lumen Maintenance Diagram - CorePro LEDLusterND6.5-60W P45 E27827FRG



Life Expectancy Diagram

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	LEDluster_E27_P45_827_FR-IES.ies	Download

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