PHILIPS

CorePro
LEDCandleND4.3-40W
E14 827B35FRG
929001345392



CorePro, LEDbulb, B35, not dimmable, 40 W, E14, 2700 K, 470 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, B35, 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	B35
Net Weight (Piece)	0.012 kg

Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387382
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

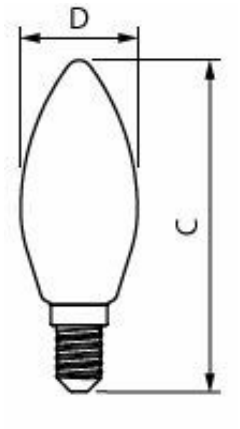
Application Conditions

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

Product Data

Order product name	CorePro LEDCandleND4.3-40W E14 827B35FRG
Full product name	CorePro LEDCandleND4.3-40W E14 827B35FRG
Full product code	871951434718200
Order code	929001345392
Material Nr. (12NC)	929001345392
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347182
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347199

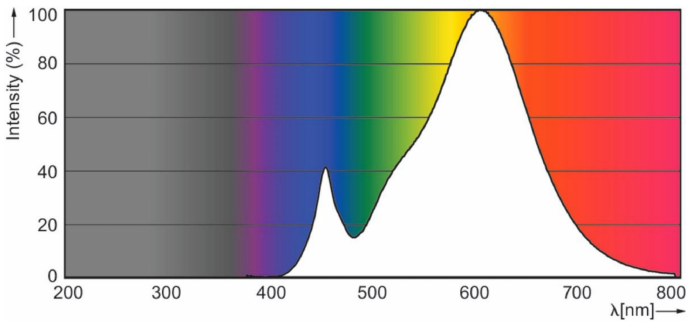
Dimensional drawing



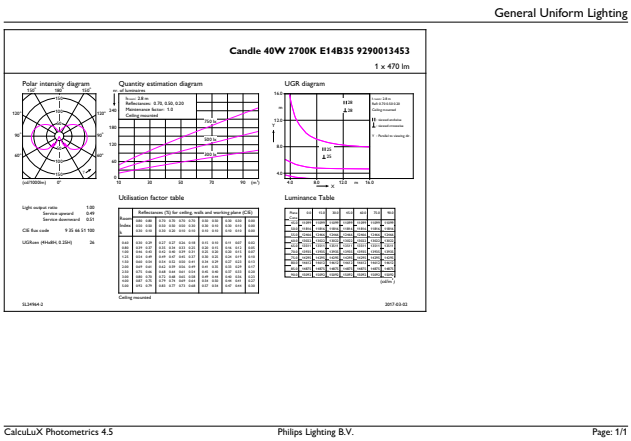
D	C
35 mm	97 mm

Product	D	C
CorePro LEDCandleND4.3-40W E14 827B35FRG	35 mm	97 mm

Photometric data



Spectral Power Distribution Colour - CorePro LEDCandleND4.3-40W E14 827B35FRG


General Uniform Lighting

Candle 40W 2700K E14B35 9290013453

1 x 470 lm

Polar intensity diagram

Quantity estimation diagram

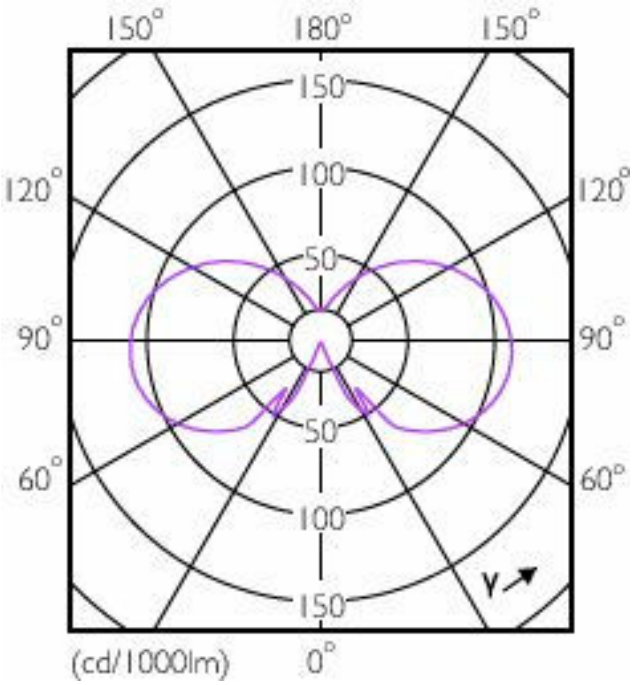
UGR diagram

Utilisation factor table

Luminance Table

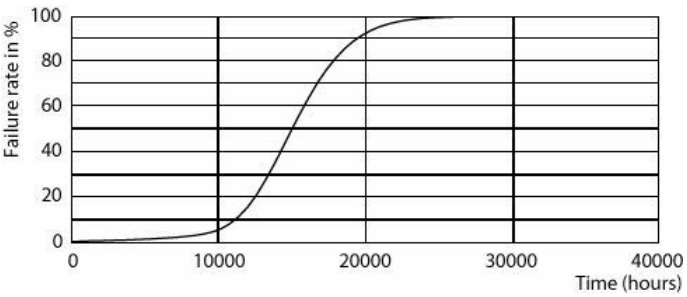
CalcuLuX Photometrics 4.5 Philips Lighting B.V. Page: 1/1

General uniform lighting - CorePro LEDCandleND4.3-40W E14 827B35FRG

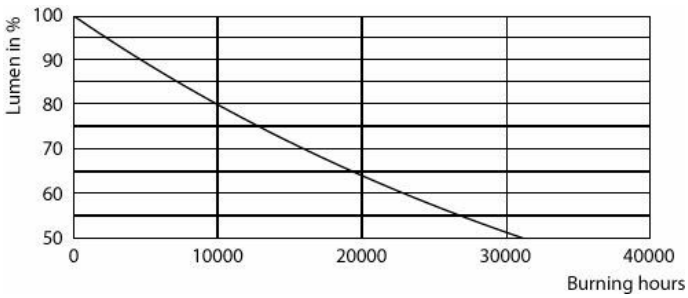


Light Distribution Diagram - CorePro LEDCandleND4.3-40W E14 827B35FRG

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDCandleND4.3-40W E14 827B35FRG

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_B35-IES.ies	Download

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