

PHILIPS

CorePro
LED Bulb 10.5-100W E27
A60 840 FRG
929002026592



CorePro, LEDbulb, A60, not dimmable, 100 W, E27, 4000 K, 1521 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDbulb, A60, not dimmable, 100 W, E27, 4000 K, 1521 lm, CRI 80, 15000 hour(s), Glass, 144.00 lm/W, EEL D, 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	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

LLMF At End Of Nominal Lifetime (Nom)	70 %
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Photobiological safety according to EN 62471	RG1
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Operating and Electrical

Line Frequency	50 to 60 Hz
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Input Frequency	50 to 60 Hz
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Power Consumption	10.5 W
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Lamp Current (Nom)	90 mA
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Wattage Equivalent	100 W
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Starting Time (Nom)	0.4 s
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Warm-up time to 60% light	0.4 s
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Power Factor (Fraction)	0.52
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Voltage (Nom)	230 V
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Temperature

T-Case Maximum (Nom)	55 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

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

Energy Efficiency Class	D
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Energy Consumption kWh/1000 h	11 kWh
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EPREL Registration Number	387432
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CE mark	Yes
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EU RoHS compliant	Yes
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EyeComfort	Yes
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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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Stroboscopic effect visibility measure (SVM)	0.4
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Ambient temperature range	-20 to +45 °C
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Application Conditions

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

Order product name	CorePro LEDBulb10.5-100W E27 A60 840 FRG
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Full product name	CorePro LEDBulb10.5-100W E27 A60 840 FRG
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Full product code	871951437755400
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Order code	929002026592
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Material Nr. (12NC)	929002026592
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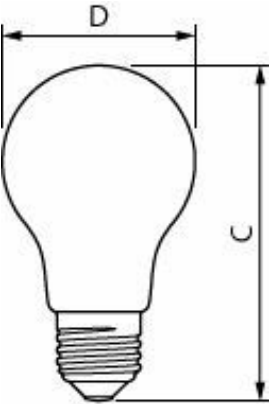
Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8719514377554
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Numerator - Packs per outer box	10
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EAN/UPC - Case	8719514377561
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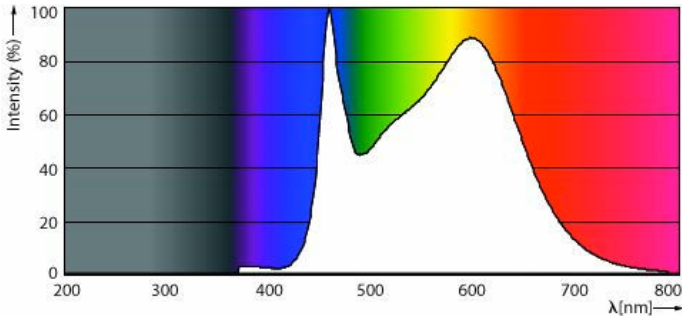
Dimensional drawing



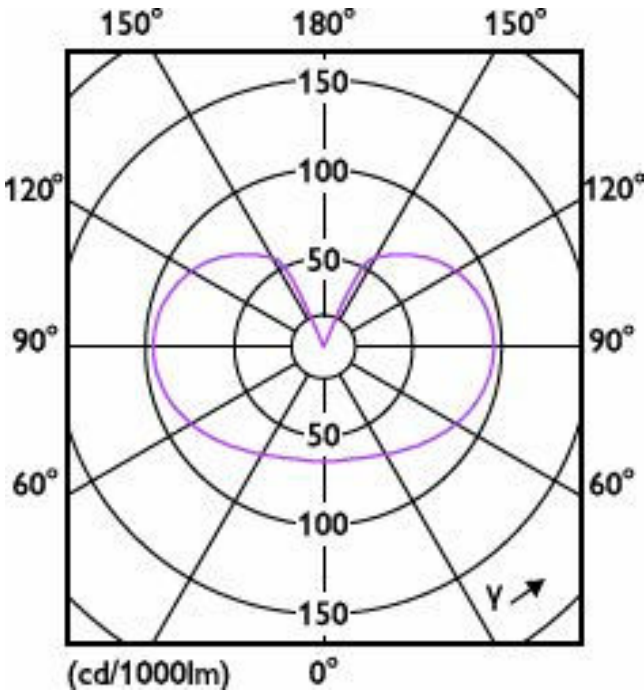
D	C
60 mm	104 mm

Product	D	C
CorePro LEDBulb10.5-100W E27 A60 840 FRG	60 mm	104 mm

Photometric data

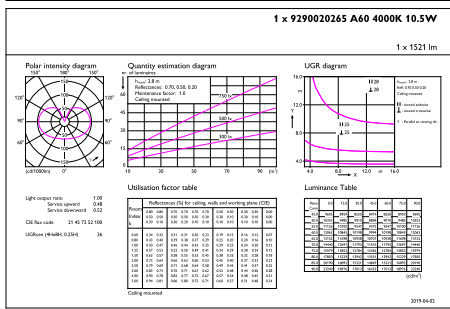


Spectral Power Distribution Colour - CorePro LEDBulb10.5-100W E27 A60 840 FRG



Light Distribution Diagram - CorePro LEDBulb10.5-100W E27 A60 840 FRG

General Uniform Lighting



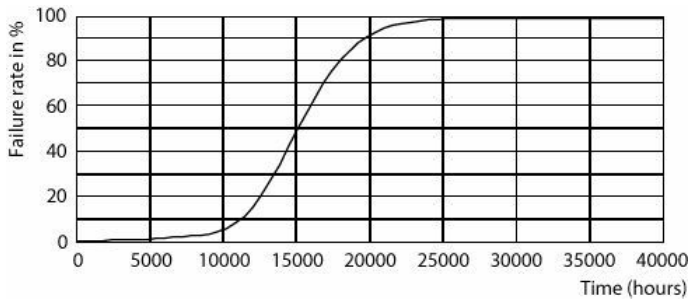
CalcLuX Photometrics 4.5

Philips Lighting B.V.

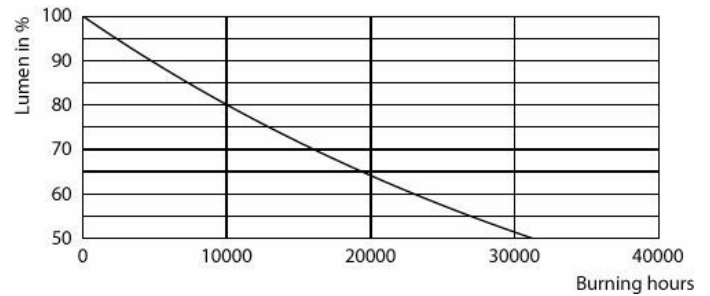
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General uniform lighting - CorePro LEDBulb10.5-100W E27 A60 840 FRG

Lifetime



Bulb A67 100W 1521lm 2700K E27 NDFrosted



Lumen Maintenance Diagram - CorePro LEDBulb10.5-100W E27 A60 840 FRG

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	LED_BulbsBulb_A67_100W_1521lm_4000K_E27_NDFrosted-IES.ies	Download

