



CorePro Glass LED bulbs



CorePro LEDBulbND10.5-100W E27A60 830FRG

CorePro, LEDbulb, A60, 100 W, E27, 3000 K, 1521 lm, CRI 80, 15000 hour(s), Glass

CorePro, LEDbulb, A60, 100 W, E27, 3000 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

Product data

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	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 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 %

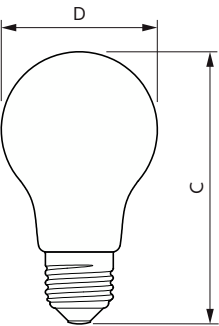
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	10.5 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.52
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	55 °C

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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	D
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	374885
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

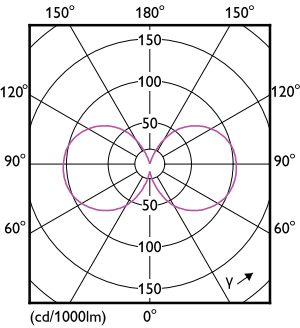
Application Conditions	
can it be used in closed luminaires	No
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LEDBulbND10.5-100W E27A60 830FRG
Full product name	CorePro LEDBulbND10.5-100W E27A60 830FRG
Full product code	871951434706900
Order code	929002425292
Material Nr. (12NC)	929002425292
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514347069
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514347076

Dimensional drawing

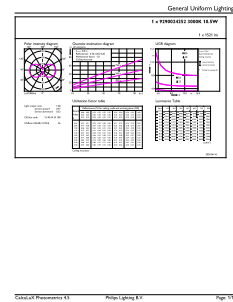


Product	D	C
CorePro LEDBulbND10.5-100W E27A60 830FRG	60 mm	104 mm

Photometric data



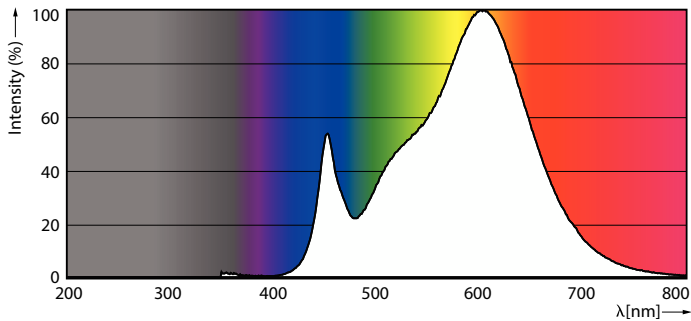
Light Distribution Diagram - CorePro LEDBulbND10.5-100W E27A60 830FRG



General uniform lighting - CorePro LEDBulbND10.5-100W E27A60 830FRG

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Photometric data

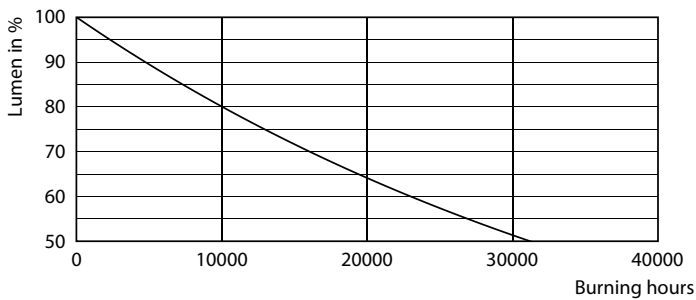


Spectral Power Distribution Colour - CorePro LEDBulbND10.5-100W E27A60 830FRG

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDBulbND10.5-100W E27A60 830FRG

