PHILIPS

CorePro LED PLL HF 16.5W 830 4P 2G11

929001381502



CorePro, LED, PL-L, HF, 405 mm, 16.5 W, 36W PL-L, 3000 K, 2000 lm, CRI 83, 30000 hour(s)



CorePro, LED, PL-L, HF, 405 mm, 16.5 W, LED alternative to 36W PL-L, 3000 K, 2000 lm, CRI 83, 30000 hour(s), 121.00 lm/W, EEL E, 2G11, Beam angle 160 degree(s), Glass, RG0, SDCM 6, PF 0.9, IP20

General Information

Cap-Base	2G11
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	121.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Line Frequency	39000-71000 Hz
Input Frequency	39000-71000 Hz
Power Consumption	16.5 W
Lamp Current (Max)	420 mA
Lamp Current (Min)	290 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	53-77 V
LED alternative to fluorescent lamp power	36W PL-L
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-

Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF

Temperature

T-Case Maximum (Nom)	70 °C

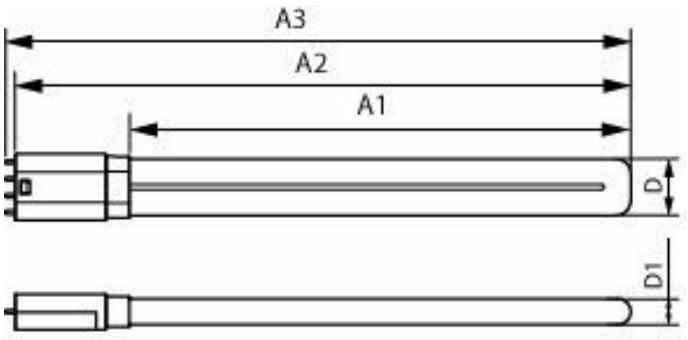
Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	405 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.160 kg

Dimensional drawing



D	D1	A1	A2	A3
38 mm	17mm	330mm	405mm	412mm

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	17 kWh
EPREL Registration Number	387352
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

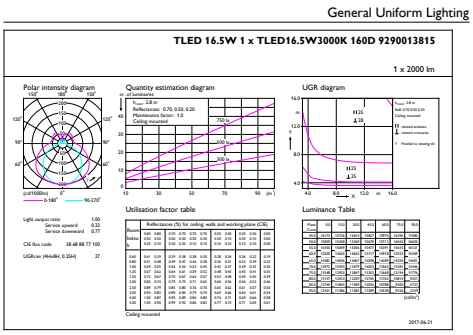
Wireless Technology	Not applicable

Product Data

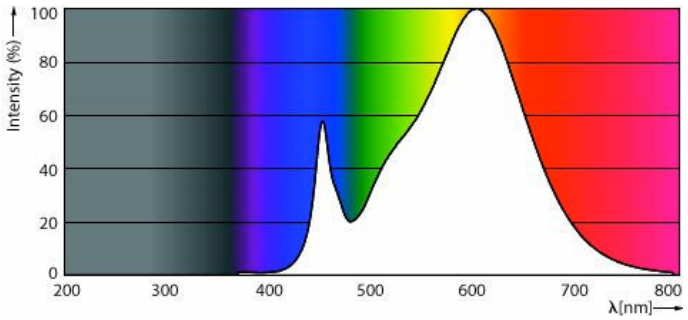
Order product name	CorePro LED PLL HF 16.5W 830 4P 2G11
Full product name	CorePro LED PLL HF 16.5W 830 4P 2G11
Full product code	871869673966200
Order code	929001381502
Material Nr. (12NC)	929001381502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696739662
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696739679

Product	D1	D	A1	A2	A3
CorePro LED PLL HF 16.5W 830 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm

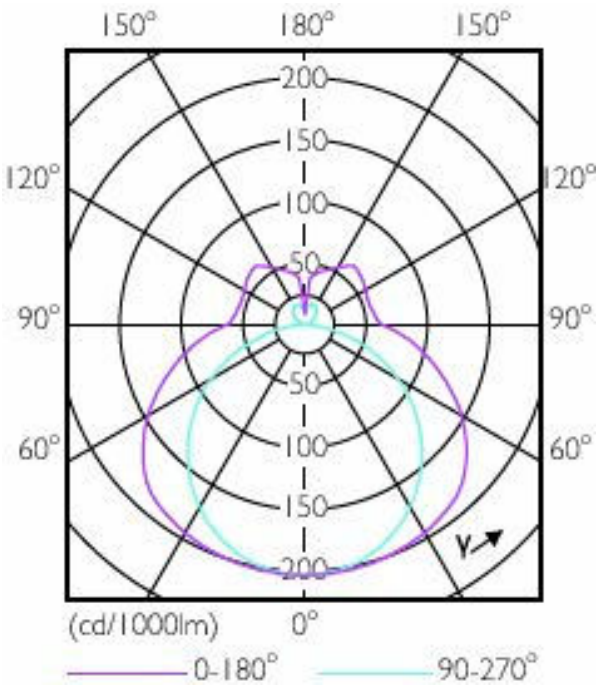
Photometric data



General uniform lighting - CorePro LED PLL HF 16.5W 830 4P 2G11

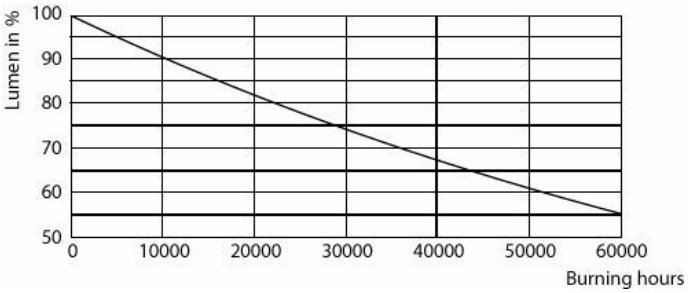


Spectral Power Distribution Colour - CorePro LED PLL HF 16.5W 830 4P 2G11

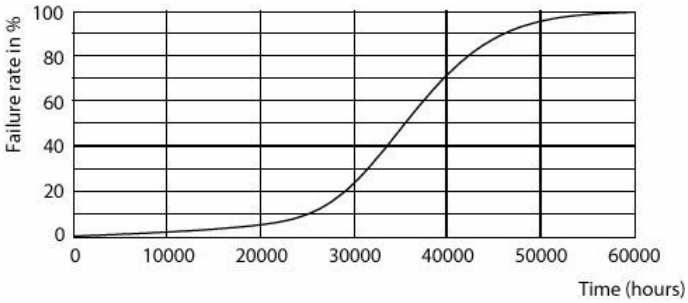


Light Distribution Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11

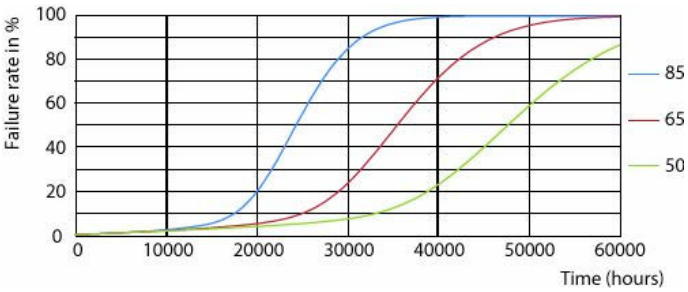
Lifetime



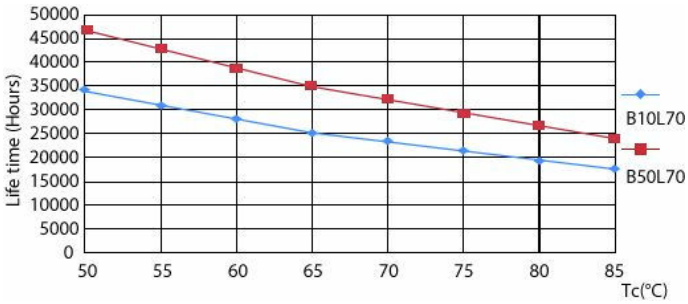
Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11



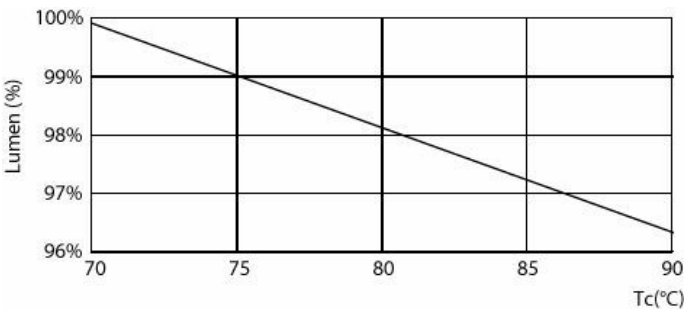
LEDtube PLC 400mm 16-5W 2G11 830 2000lm



LEDtube PLC 400mm 16-5W 2G11 830 2000lm



LEDtube PLC 400mm 16-5W 2G11 830 2000lm



Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	LEDtube_PLL_HF_Installation_Guide-INI.pdf	Download
Environmental Product Declaration	Philips-CorePro-LED-PLL-16-5W-840-4P-COMF-6714366-Ref-929001381602-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDtube_PLC_400mm_16-5W_2G11_830_2000lm-IES.ies	Download

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