



CorePro LED PLL



CorePro LED Urban PLL Mains 13W 840

CorePro, LED, PL-L, Mains, 315 mm, 13 W, 24W PL-L, 4000 K, 1600 lm, CRI 80, 30000 hour(s)

CorePro, LED, PL-L, Mains, 315 mm, 13 W, LED alternative to 24W PL-L, 4000 K, 1600 lm, CRI 80, 30000 hour(s), 123 lm/W, EEL E, 2G11, Beam angle 360 degree(s), Plastic, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	2G11
Nominal lifetime	30,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	1,600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

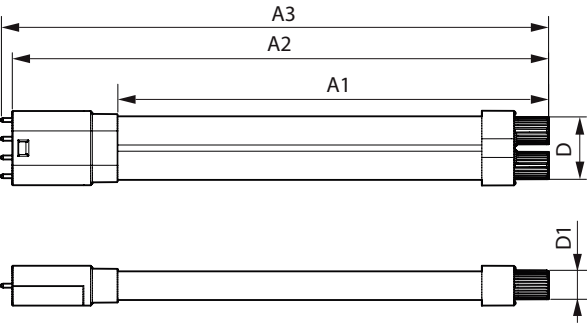
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Nom)	70 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	24W PL-L
Inrush current at mains	3.4
Max. lamp no. on MCB B type 10A - Mains	140
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	225
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.	-

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Ballast Compatibility	Mains
Temperature	
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Product Length	315 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.125 kg
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	1826743
CE mark	Yes

EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-30 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LED Urban PLL Mains 13W 840
Full product name	CorePro LED Urban PLL Mains 13W 840
Full product code	872016928718100
Order code	929003758302
Material Nr. (12NC)	929003758302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169287181
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169287198

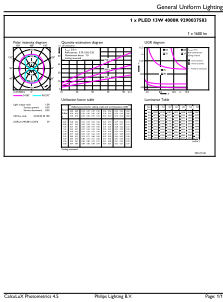
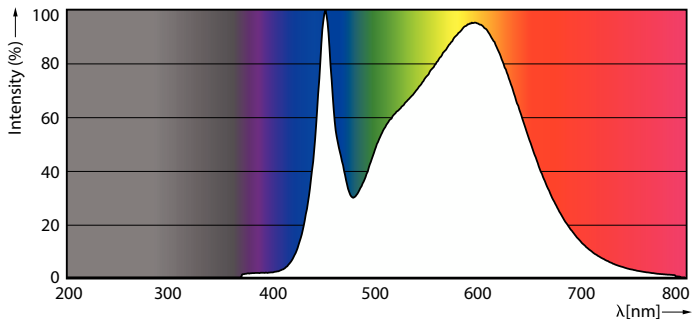
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 13W 840	17 mm	37 mm	253 mm	315 mm	321 mm

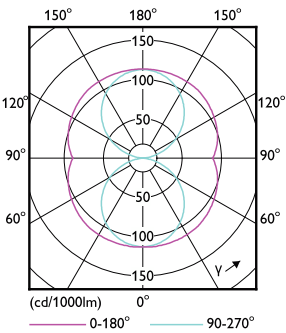
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Photometric data



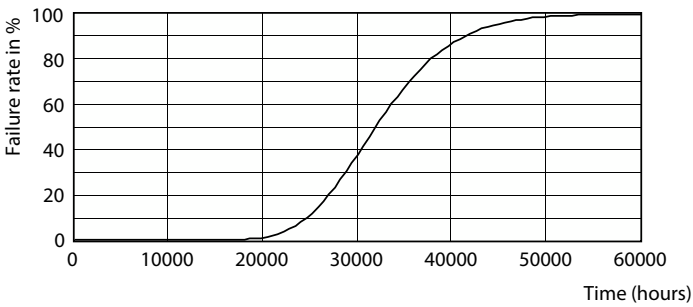
Spectral Power Distribution Colour - CorePro LED Urban PLL Mains 13W 840

General uniform lighting - CorePro LED Urban PLL Mains 13W 840

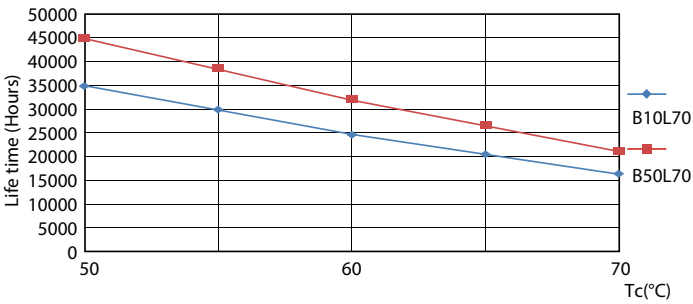


Light Distribution Diagram - CorePro LED Urban PLL Mains 13W 840

Lifetime

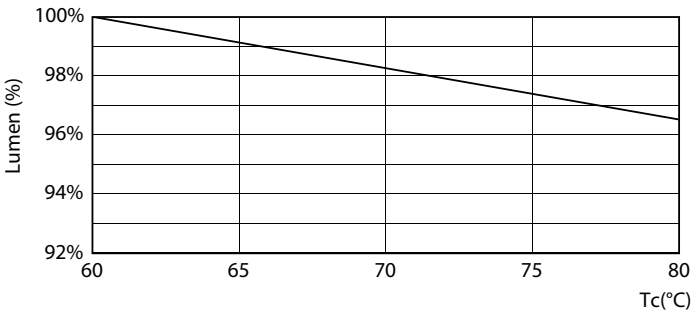
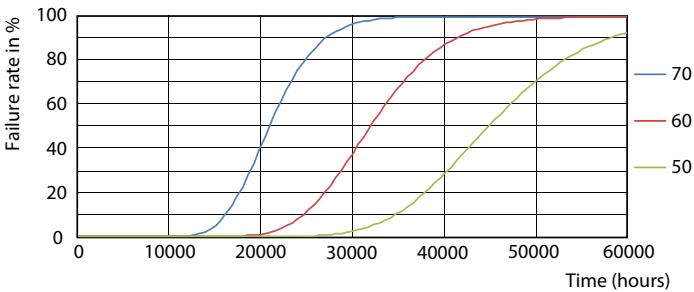


Life Expectancy Diagram



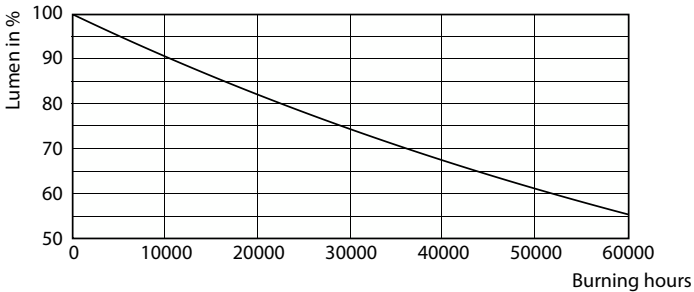
LifetimeVsTc

Lifetime



FailureRate

Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 13W 840



Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 13W 840

