



CorePro LED PLL



CorePro LED Urban PLL Mains 18W 830

CorePro, LED, PL-L, Mains, 410 mm, 18 W, 36W PL-L, 3000 K, 2100 lm, CRI 80, 30000 hour(s)

CorePro, LED, PL-L, Mains, 410 mm, 18 W, LED alternative to 36W PL-L, 3000 K, 2100 lm, CRI 80, 30000 hour(s), 116 lm/W, EEL E, 2G11, Beam angle 360 degree(s), Plastic, RGO, 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	830 [CCT of 3000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	2,100 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO

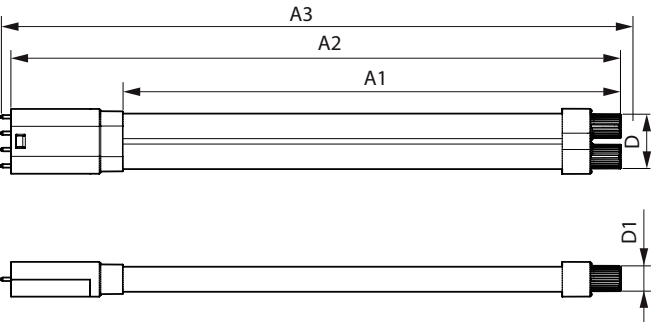
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Lamp Current (Nom)	100 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	36W PL-L
Inrush current at mains	4.3
Max. lamp no. on MCB B type 10A - Mains	100
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	160
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.	-

CorePro LED PLL

Ballast Compatibility	Mains
Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Product Length	410 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.150 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	18 kWh
EPREL Registration Number	1826744
CE mark	Yes

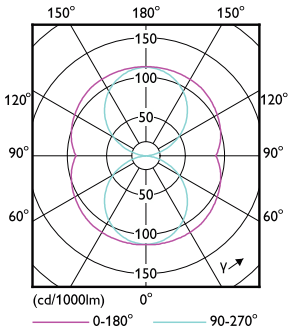
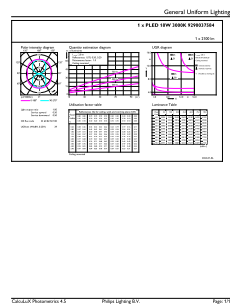
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-30 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LED Urban PLL Mains 18W 830
Full product name	CorePro LED Urban PLL Mains 18W 830
Full product code	872016928720400
Order code	929003758402
Material Nr. (12NC)	929003758402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169287204
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169287211

Dimensional drawing



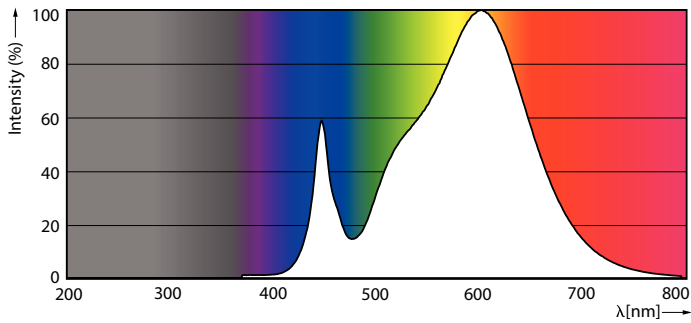
Product	D1	D2	A1	A2	A3
CorePro LED Urban PLL Mains 18W 830	17 mm	37 mm	335 mm	410 mm	416 mm

Photometric data



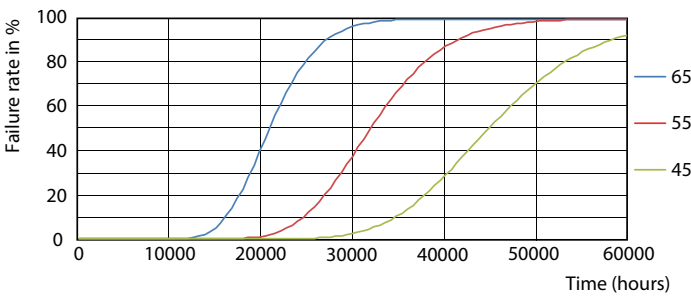
General uniform lighting - CorePro LED Urban PLL Mains 18W 830

Light Distribution Diagram - CorePro LED Urban PLL Mains 18W 830

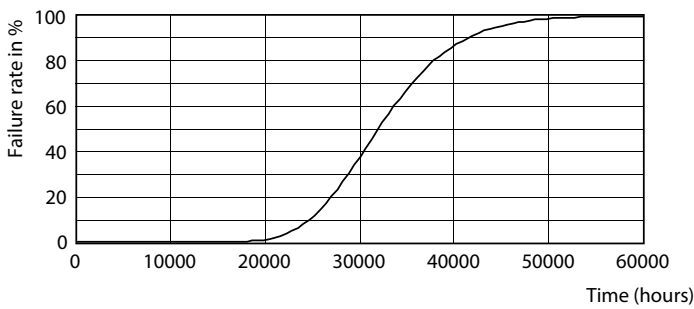


Spectral Power Distribution Colour - CorePro LED Urban PLL Mains 18W 830

Lifetime

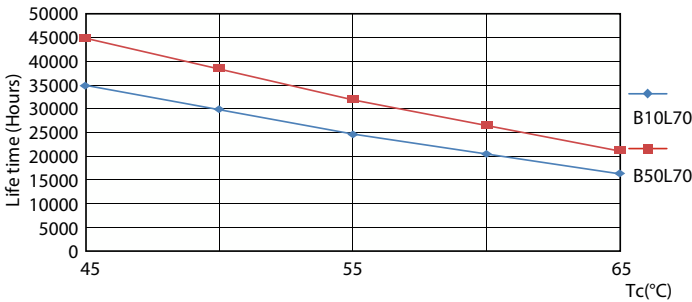
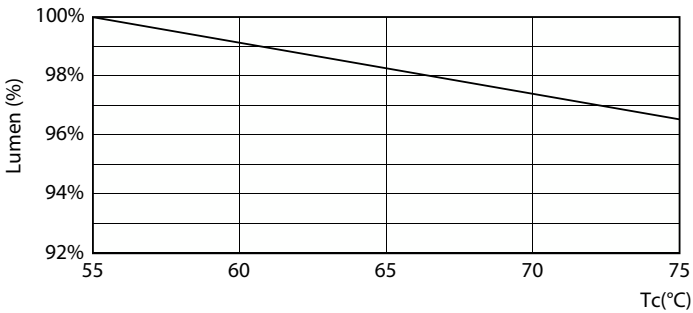


FailureRate



Life Expectancy Diagram

Lifetime



Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 18W 830



Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 18W 830

