



CorePro LED PLL



CorePro LED PLL Mains 24W 840 4P

CorePro, LED, PL-L, Mains, 528 mm, 24 W, 55W PL-L, 4000 K, 3400 lm, CRI 80, 30000 hour(s)

CorePro, LED, PL-L, Mains, 528 mm, 24 W, LED alternative to 55W PL-L, 4000 K, 3400 lm, CRI 80, 30000 hour(s), 141 lm/W, EEL D, 2G11, Beam angle 160 degree(s), Glass, 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)	160 degree(s)
Luminous Flux	3,400 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 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	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	24 W
Lamp Current (Nom)	127 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	55W PL-L
Inrush current at mains	9.6
Max. lamp no. on MCB B type 10A - Mains	80
Max. lamp no. on MCB B type 10A - EM ballast without Compensation Capacitor.	80
Max. lamp no. on MCB B type 10A - EM ballast with Compensation Capacitor.	16
Max. lamp no. on MCB B type 16A - Mains	128
Max. lamp no. on MCB B type 16A - EM ballast without Compensation Capacitor.	128

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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	25
Ballast Compatibility	Mains

Temperature

T-Case Maximum (Nom)	75 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	528 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.192 kg

Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	1370830

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	-20 °C to 45 °C

Application Conditions

Wireless Technology	Not applicable
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Product Data

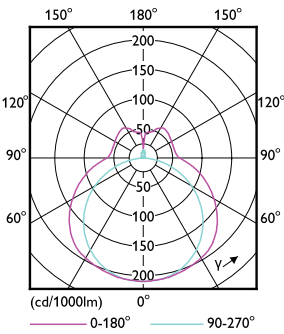
Order product name	CorePro LED PLL Mains 24W 840 4P
Full product name	CorePro LED PLL Mains 24W 840 4P
Full product code	872016915713200
Order code	929003592902
Material Nr. (12NC)	929003592902
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169157132
Numerator – Packs per outer box	10
EAN/UPC – Case	8720169157149

Dimensional drawing

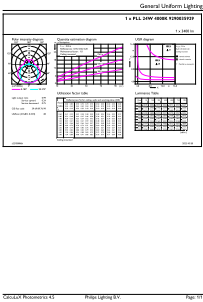


Product	D1	D2	A1	A2	A3
CorePro LED PLL Mains 24W 840 4P	17 mm	38 mm	453 mm	528 mm	535 mm

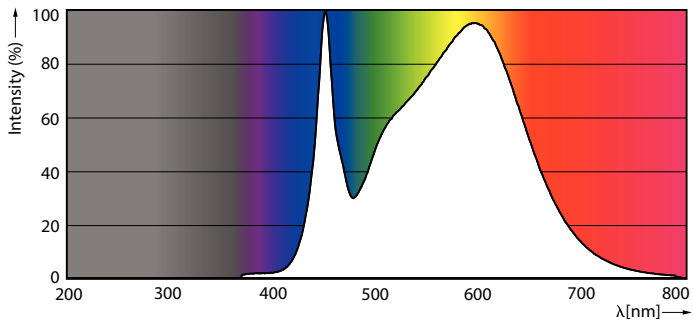
Photometric data



Light Distribution Diagram - CorePro LED PLL Mains 24W 840 4P



General uniform lighting - CorePro LED PLL Mains 24W 840 4P

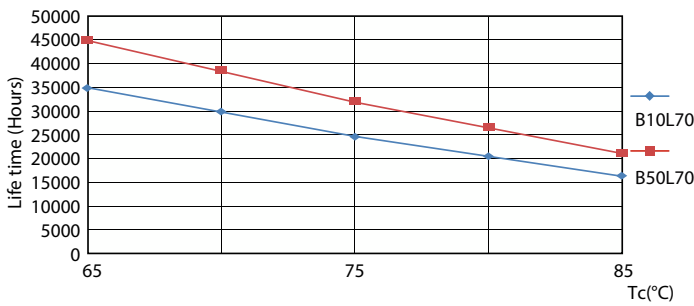


Spectral Power Distribution Colour - CorePro LED PLL Mains 24W 840 4P

Lifetime



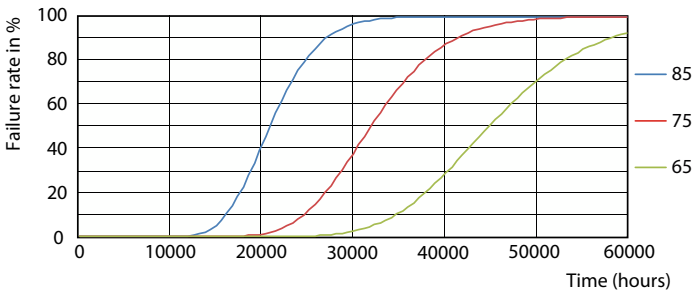
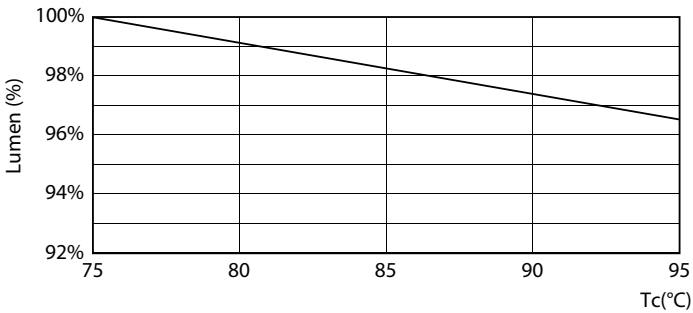
Life Expectancy Diagram



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLL Mains 24W 840 4P

FailureRate



Lumen Maintenance Diagram - CorePro LED PLL Mains 24W 840 4P

