



CorePro LED PLC 2P



CorePro LED PLC 4.5W 830 2P G24d-1

CorePro LED PLC 2P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Product data

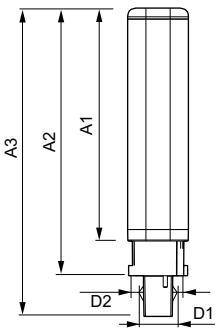
General Information			
Cap-Base	G24d-1	Input Frequency	50 to 60 Hz
Nominal lifetime	30,000 hour(s)	Power Consumption	4.5 W
Switching Cycle	50,000	Lamp Current (Max)	25 mA
Lighting Technology	LED	Lamp Current (Min)	20 mA
Flux measurement reference	Sphere	Starting Time (Nom)	0.5 s
CE mark	Yes	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
Light Technical		LED alternative to fluorescent lamp power	13 W
Color Code	830 [CCT of 3000K]	Inrush current at mains	2.5
Beam Angle (Nom)	120 degree(s)	Max. lamp no. on MCB B type 10A - Mains	191
Luminous Flux	475 lm	Max. lamp no. on MCB B type 10A – EM ballast without Comp. Cap.	220
Color Designation	White (WH)	Max. lamp no. on MCB B type 10A – EM ballast with Comp. Cap.	30
Correlated Color Temperature (Nom)	3000 K	Max. lamp no. on MCB B type 16A - Mains	306
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Max. lamp no. on MCB B type 16A – EM ballast without Comp. Cap.	330
Color Consistency	<6	Max. lamp no. on MCB B type 16A – EM ballast with Comp. Cap.	49
Color rendering index (CRI)	83	Ballast Compatibility	EM
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RG0		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	100 mm
Bulb Shape	PL-C
Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate

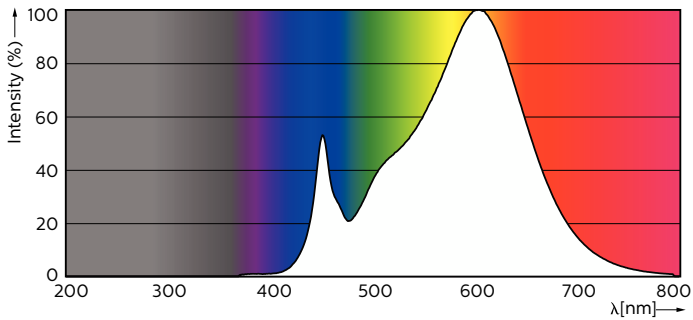
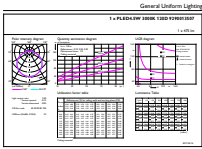
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	403560
Product Data	
Order product name	CorePro LED PLC 4.5W 830 2P G24d-1
Full product name	CorePro LED PLC 4.5W 830 2P G24d-1
Full product code	871869670659600
Order code	70659600
Material Nr. (12NC)	929001350702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696706596
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696706602

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 4.5W 830 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm

Photometric data

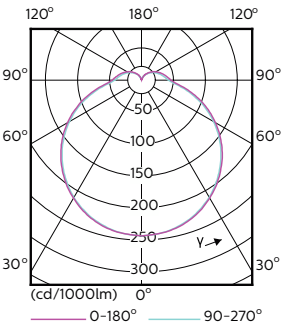


General uniform lighting - CorePro LED PLC 4.5W 830 2P G24d-1

Spectral Power Distribution Colour - CorePro LED PLC 4.5W 830 2P G24d-1

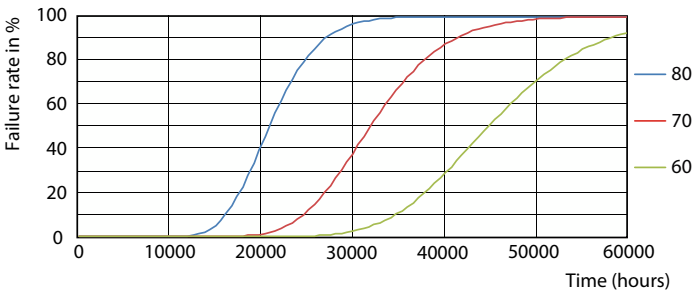
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Photometric data

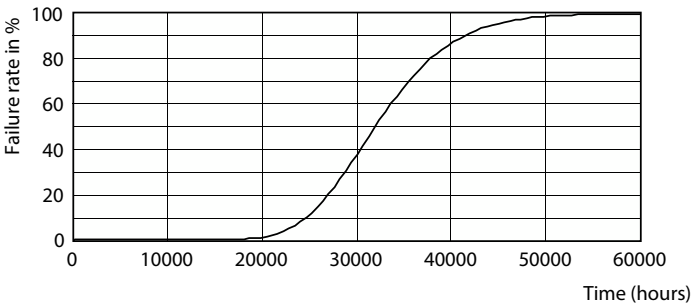


Light Distribution Diagram - CorePro LED PLC 4.5W 830 2P G24d-1

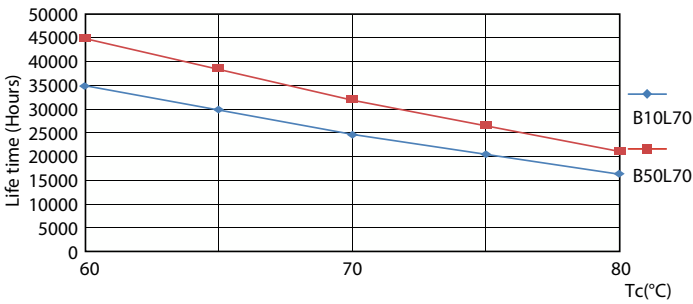
Lifetime



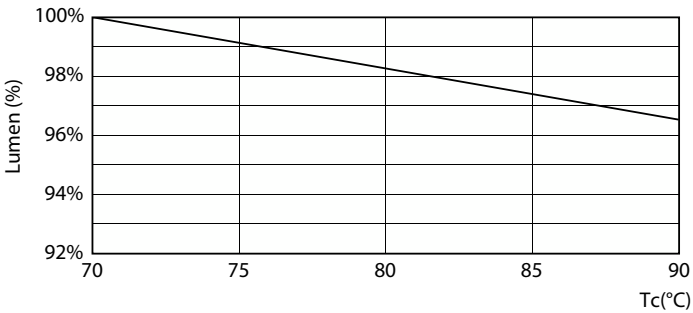
Life Expectancy Diagram - CorePro LED PLC 4.5W 830 2P G24d-1



Life Expectancy Diagram - CorePro LED PLC 4.5W 830 2P G24d-1



Life Expectancy Diagram - CorePro LED PLC 4.5W 830 2P G24d-1



Lumen Maintenance Diagram - CorePro LED PLC 4.5W 830 2P G24d-1

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 4.5W 830 2P G24d-1

