



CorePro LED PLC 2P

CorePro LED PLC 8.5W 830 2P G24d-3

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

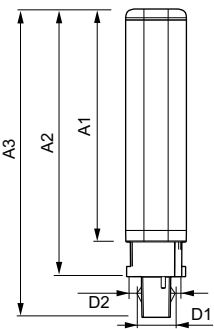
General Information			
Cap-Base	G24D-3 [G24d-3]	Input Frequency	50 to 60 Hz
Nominal lifetime	30,000 hour(s)	Power Consumption	8.5 W
Switching Cycle	50,000	Lamp Current (Max)	43 mA
Lighting Technology	LED	Lamp Current (Min)	33 mA
Flux measurement reference	Sphere	Starting Time (Nom)	0.5 s
CE mark	Yes	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
		LED alternative to fluorescent lamp power	26 W
		Max. lamp no. on MCB B type 10A - Mains	74
		Max. lamp no. on MCB B type 10A – EM ballast without Comp. Cap.	150
		Max. lamp no. on MCB B type 10A – EM ballast with Comp. Cap.	30
		Max. lamp no. on MCB B type 16A - Mains	118
		Max. lamp no. on MCB B type 16A – EM ballast without Comp. Cap.	220
		Max. lamp no. on MCB B type 16A – EM ballast with Comp. Cap.	49
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-20 °C to 35 °C
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	950 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	105.88 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	83		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RGO		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	200 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	9 kWh

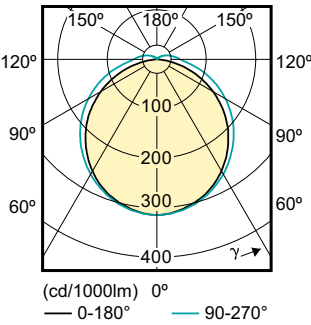
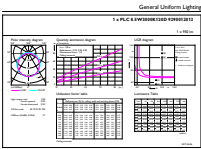
EPREL Registration Number	403554
Product Data	
Order product name	CorePro LED PLC 8.5W 830 2P G24d-3
Full product name	CorePro LED PLC 8.5W 830 2P G24d-3
Full product code	871869654123400
Order code	929001201202
Material Nr. (12NC)	929001201202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696541234
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696541241

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data



General uniform lighting - CorePro LED PLC 8.5W 830 2P G24d-3

Light Distribution Diagram - CorePro LED PLC 8.5W 830 2P G24d-3

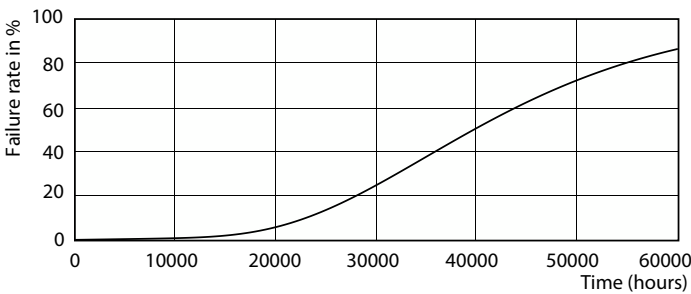
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Photometric data

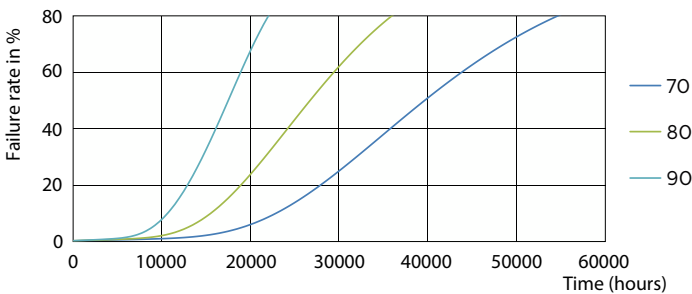


Spectral Power Distribution Colour - CorePro LED PLC 8.5W 830 2P G24d-3

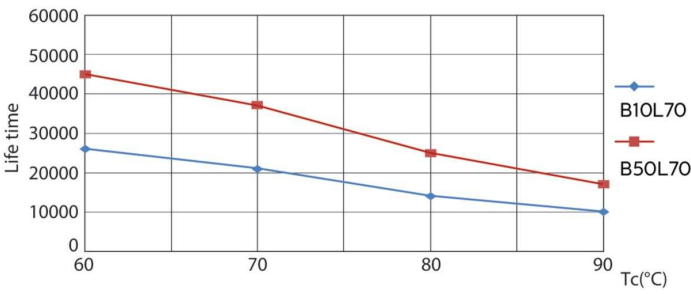
Lifetime



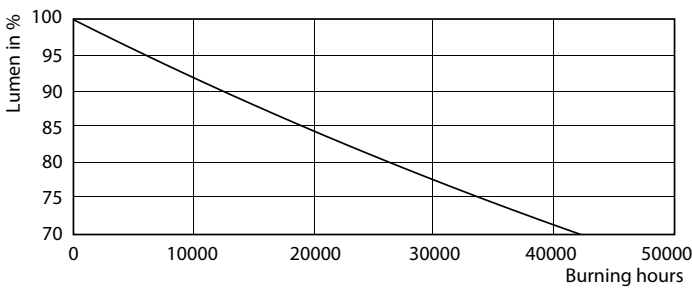
Life Expectancy Diagram - CorePro LED PLC 8.5W 830 2P G24d-3



Life Expectancy Diagram - CorePro LED PLC 8.5W 830 2P G24d-3



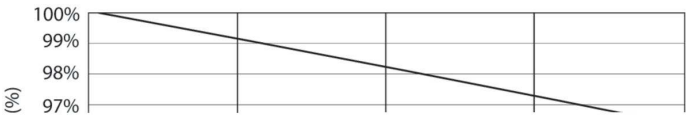
Life Expectancy Diagram - CorePro LED PLC 8.5W 830 2P G24d-3



Lumen Maintenance Diagram - CorePro LED PLC 8.5W 830 2P G24d-3

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 8.5W 830 2P G24d-3

