



CorePro LED PLC 2P

CorePro LED PLC 6.5W 840 2P G24d-2

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

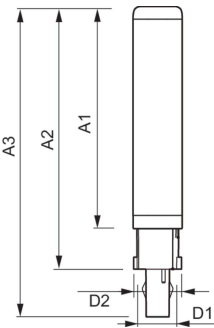
General Information			
Cap-Base	G24D-2 [G24d-2]	Input Frequency	50 to 60 Hz
Nominal lifetime	30,000 hour(s)	Power Consumption	6.5 W
Switching Cycle	50,000	Lamp Current (Max)	35 mA
Lighting Technology	LED	Lamp Current (Min)	25 mA
Flux measurement reference	Sphere	Starting Time (Nom)	0.5 s
CE mark	Yes	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	18 W
Color Code	840 [CCT of 4000K]	Max. lamp no. on MCB B type 10A - Mains	123
Beam Angle (Nom)	120 degree(s)	Max. lamp no. on MCB B type 10A – EM ballast without Comp. Cap.	150
Luminous Flux	700 lm	Max. lamp no. on MCB B type 10A – EM ballast with Comp. Cap.	30
Color Designation	Cool White (CW)	Max. lamp no. on MCB B type 16A - Mains	197
Correlated Color Temperature (Nom)	4000 K	Max. lamp no. on MCB B type 16A – EM ballast without Comp. Cap.	220
Luminous Efficacy (rated) (Nom)	92.31 lm/W	Max. lamp no. on MCB B type 16A – EM ballast with Comp. Cap.	49
Color Consistency	<6		
Color rendering index (CRI)	83	Temperature	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Ambient temperature range	-20 °C to 35 °C
Photobiological safety according to EN 62471	RG0		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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T-Case Maximum (Nom)	65 °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	7 kWh
EPREL Registration Number	403557

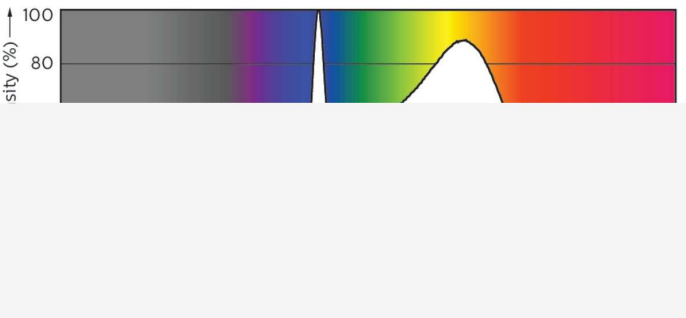
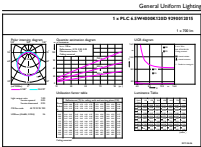
Product Data	
Order product name	CorePro LED PLC 6.5W 840 2P G24d-2
Full product name	CorePro LED PLC 6.5W 840 2P G24d-2
Full product code	871869654129600
Order code	929001201502
Material Nr. (12NC)	929001201502
Local order code	LPLC6.5W8402P
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696541296
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696541302

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

Photometric data

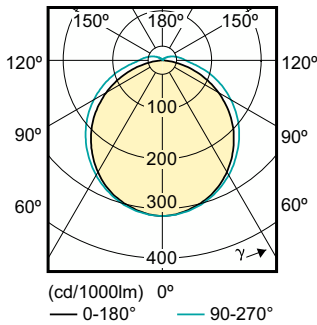


General uniform lighting - CorePro LED PLC 6.5W 840 2P G24d-2

Spectral Power Distribution Colour - CorePro LED PLC 6.5W 840 2P G24d-2

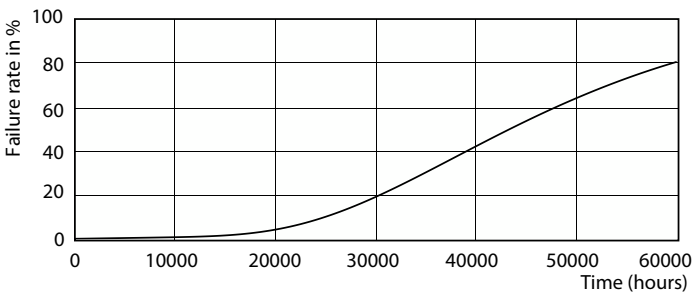
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Photometric data

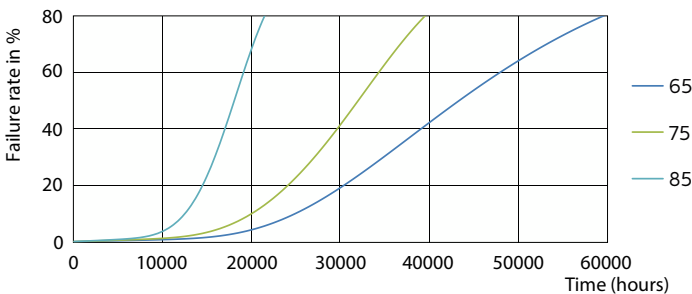


Light Distribution Diagram - CorePro LED PLC 6.5W 840 2P G24d-2

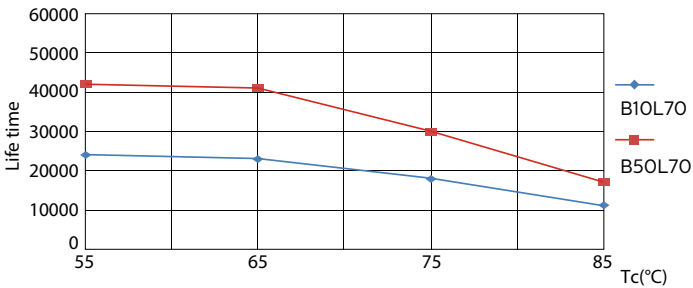
Lifetime



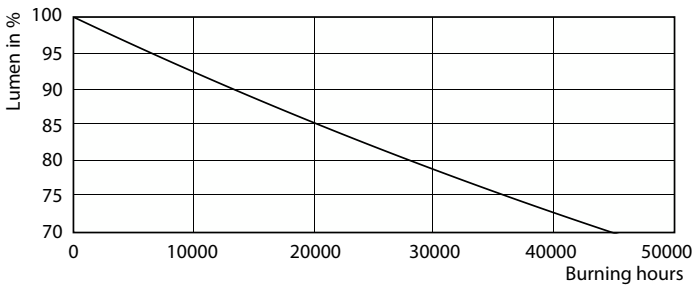
Life Expectancy Diagram - CorePro LED PLC 6.5W 840 2P G24d-2



Life Expectancy Diagram - CorePro LED PLC 6.5W 840 2P G24d-2



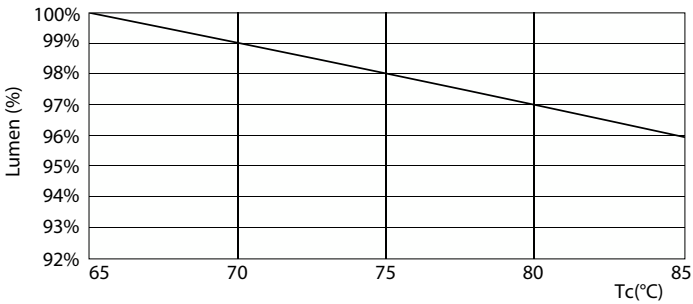
Life Expectancy Diagram - CorePro LED PLC 6.5W 840 2P G24d-2



Lumen Maintenance Diagram - CorePro LED PLC 6.5W 840 2P G24d-2

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 6.5W 840 2P G24d-2

