



CorePro LED PLC 2P



CorePro LED PLC 8.5W 840 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

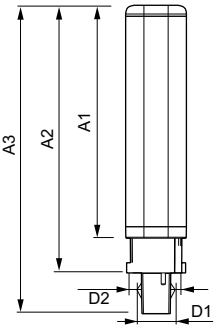
General Information			
Cap-Base	G24d-3	Lamp Current (Max)	43 mA
Nominal lifetime	30,000 hour(s)	Lamp Current (Min)	33 mA
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Flux measurement reference	Sphere	Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	220-240 V
Color Code	840 [CCT of 4000K]	LED alternative to fluorescent lamp power	26 W
Beam Angle (Nom)	120 degree(s)	Inrush current at mains	3.7
Luminous Flux	1,000 lm	Max. lamp no. on MCB B type 10A - Mains	74
Luminous Efficacy (rated) (Nom)	105.88 lm/W	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	150
Color Designation	Cool White (CW)	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	30
Correlated Color Temperature (Nom)	4000 K	Max. lamp no. on MCB B type 16A - Mains	118
Color Consistency	<6	Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	220
Color rendering index (CRI)	83	Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	49
LLMF At End Of Nominal Lifetime (Nom)	70 %	Ballast Compatibility	EM
Photobiological safety according to EN 62471	RG0	Temperature	
Operating and Electrical		Ambient temperature range	
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Power Consumption	8.5 W		

CorePro LED PLC 2P

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	RoHS compliance
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	403555
CE mark	Yes
EU RoHS compliant	Yes

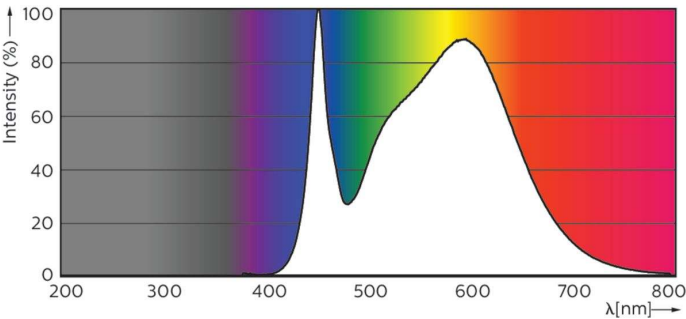
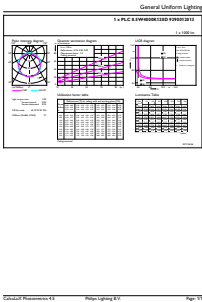
Product Data	
Order product name	CorePro LED PLC 8.5W 840 2P G24d-3
Full product name	CorePro LED PLC 8.5W 840 2P G24d-3
Full product code	871869654125800
Local code description	LEDPLC9.5/2P840
Order code	929001201302
Material Nr. (12NC)	929001201302
Local order code	LEDPLC9.5/2P840
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.090 kg
EAN/UPC - Product/Case	8718696541258
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696541265

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data

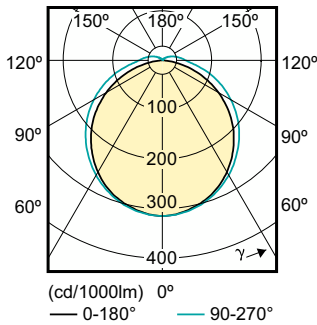


General uniform lighting - CorePro LED PLC 8.5W 840 2P G24d-3

Spectral Power Distribution Colour - CorePro LED PLC 8.5W 840 2P G24d-3

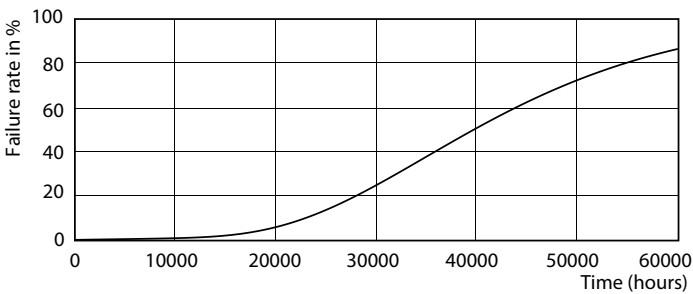
CorePro LED PLC 2P

Photometric data

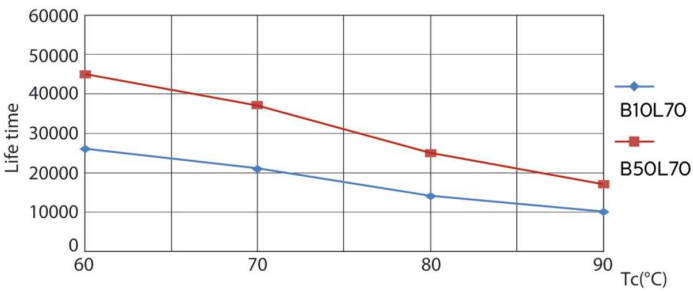


Light Distribution Diagram - CorePro LED PLC 8.5W 840 2P G24d-3

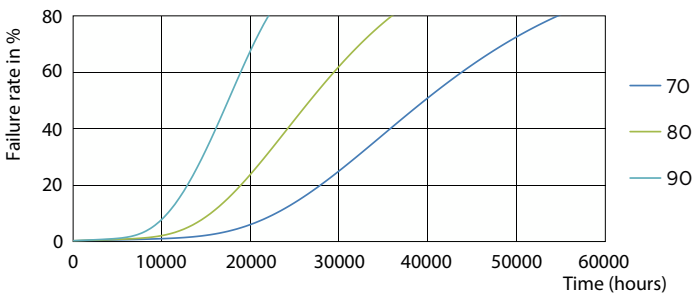
Lifetime



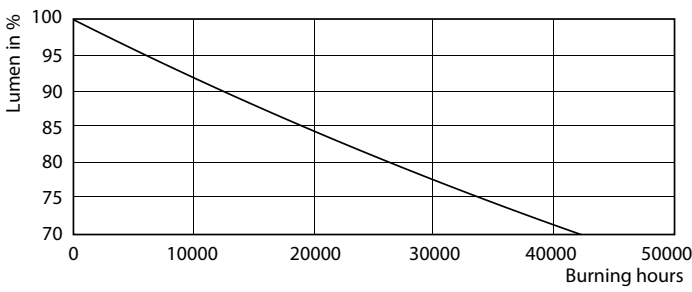
LEDtube PLC 100mm 9W G24D-3 830 950lm



LEDtube PLC 100mm 9W G24D-3 830 950lm



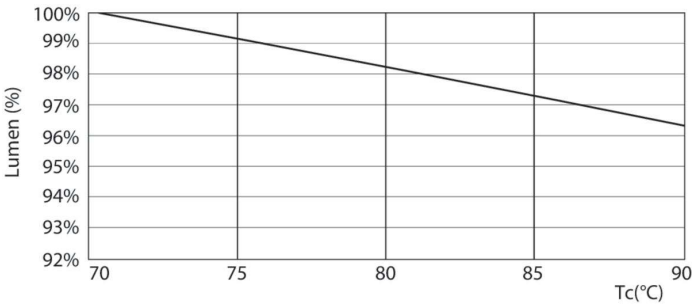
LEDtube PLC 100mm 9W G24D-3 830 950lm



Lumen Maintenance Diagram - CorePro LED PLC 8.5W 840 2P G24d-3

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Lifetime



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