



CorePro LED PLC 2P



CorePro LED PLC 8.5W 840 2P G24d-3

The CorePro LED PLC 2P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping 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]
Nominal lifetime	30,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	1,000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous Efficacy (rated) (Nom)	105.88 lm/W
Colour consistency	<6
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %
Operating and electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	8.5 W
Starting time (nom.)	0.5 s

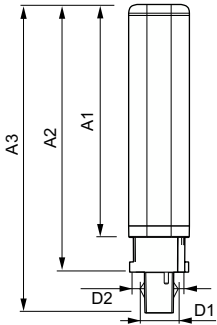
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case maximum (nom.)	75 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb material	Plastic
Product length	200 mm
Bulb shape	Tube, single-ended
Approval and application	
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	9 kWh
EPREL registration number	403555

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CE mark	Yes
EU RoHS compliant	Yes
Product data	
Full EOC	871869654125800
Order product name	CorePro LED PLC 8.5W 840 2P G24d-3
Order code	54125800

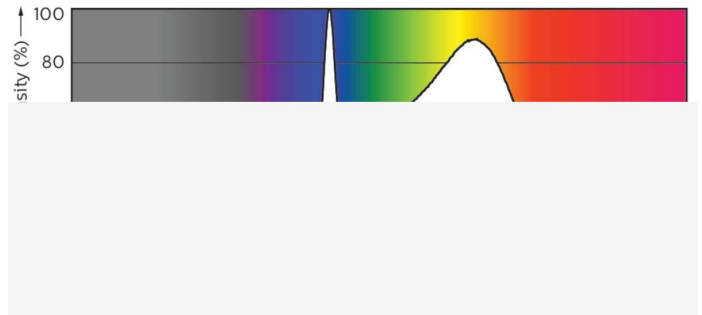
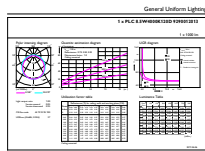
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929001201302
Full product name	CorePro LED PLC 8.5W 840 2P G24d-3
EAN/UPC - Case	8718696541265

Dimensional drawing



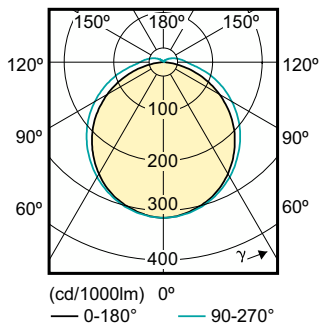
Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data



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

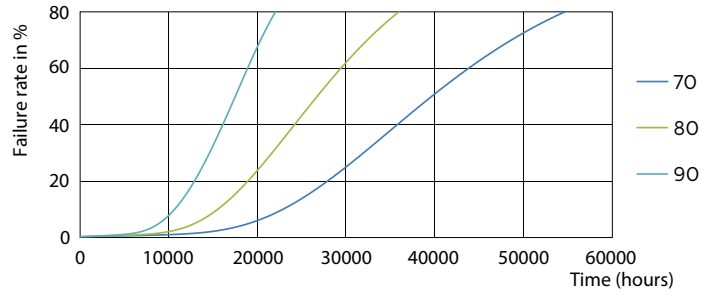
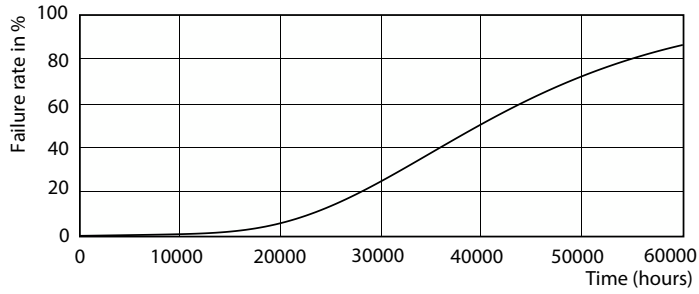
Spectral Power Distribution Colour - CorePro LED PLC 8.5W 840 2P G24d-3



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

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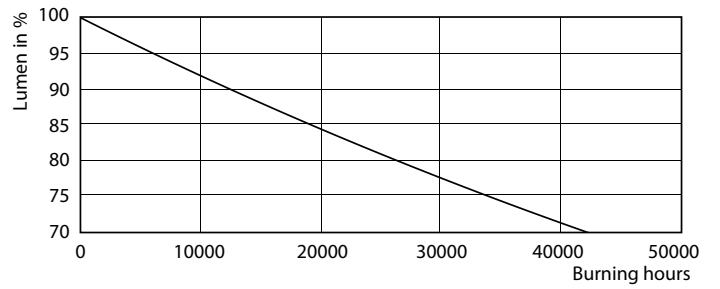
Lifetime



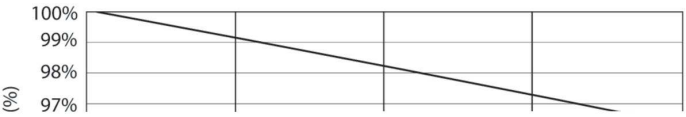
Life Expectancy Diagram - CorePro LED PLC 8.5W 840 2P G24d-3



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

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