



CorePro LED PLC 2P



CorePro LED PLC 6.9W 840 2P G24d-2

CorePro, LED, PL-C, EM/Mains, 125 mm, 6.9 W, 18W PL-C, 4000 K, 770 lm, CRI 82, 30000 h

The 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		Photobiological safety according to EN 62471	
Cap base	G24D-2 Rotatable end-cap		RG1
Nominal lifetime	30,000 h	Operating and Electrical	
Switching Cycle	50,000	Input frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	6.9 W
Flux measurement reference	Sphere	Lamp current (nom.)	38 mA
Warranty period	3 years	Starting time (nom.)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Colour Code	840 [CCT of 4000K]	Power Factor (Fraction)	0.9
Beam angle (nom.)	120 degree(s)	Voltage (nom.)	220-240 V
Luminous Flux	770 lm	LED alternative to fluorescent lamp power	18W PL-C
Colour designation	Cool White (CW)	Inrush current at mains	2.78
Correlated Colour Temperature (Nom)	4000 K	Max. lamp no. on MCB B type 10A – Mains	264
Luminous efficacy (rated) (nom.)	111 lm/W	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	264
Colour consistency	<6	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Colour rendering index (CRI)	82	Max. lamp no. on MCB B type 16A – Mains	422
LLMF at end of nominal lifetime (nom.)	70 %		

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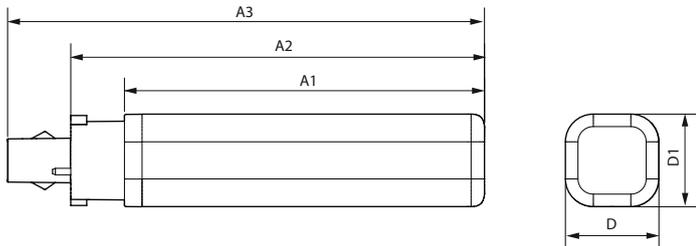
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	422
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	EM/Mains
Temperature	
T-Case maximum (nom.)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	125 mm
Bulb shape	PL-C
Net Weight (Piece)	0.075 kg
Approval and Application	
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	7 kWh
EPREL Registration Number	1820628
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +35 °C

Product Data

Order product name	CorePro LED PLC 6.9W 840 2P G24d-2
Full product name	CorePro LED PLC 6.9W 840 2P G24d-2
Full EOC	872016928756300
Order code	929003757302
Material no. (12 NC)	929003757302
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169287563
Numerator – packs per outer box	10
EAN/UPC - Case	8720169287570

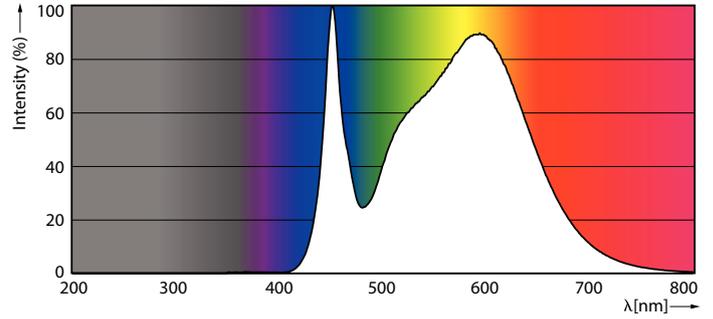
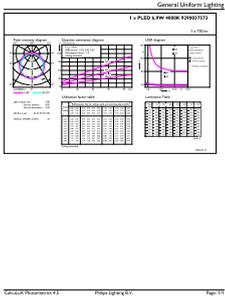
Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLC 6.9W 840 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm

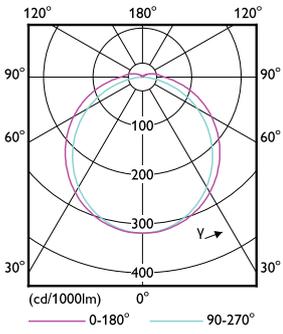
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Photometric data



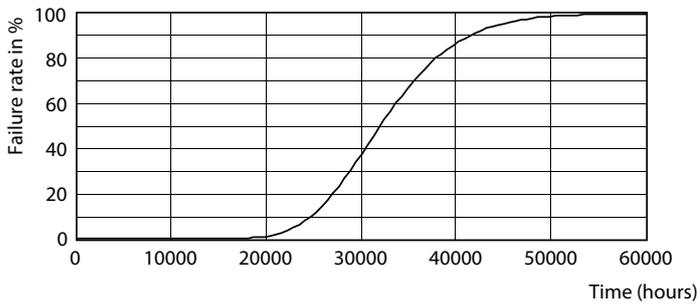
General uniform lighting - CorePro LED PLC 6.9W 840 2P G24d-2

Spectral Power Distribution Colour - CorePro LED PLC 6.9W 840 2P G24d-2

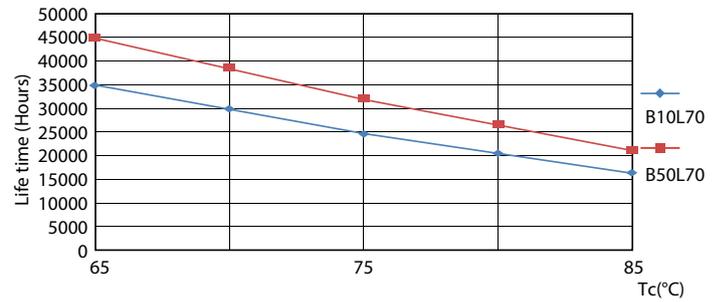


Light Distribution Diagram - CorePro LED PLC 6.9W 840 2P G24d-2

Lifetime



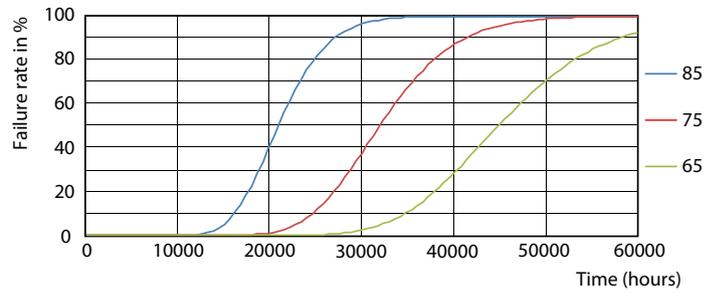
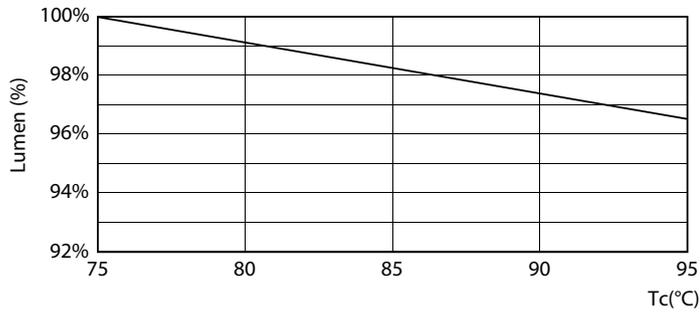
Life Expectancy Diagram



LifetimeVsTc

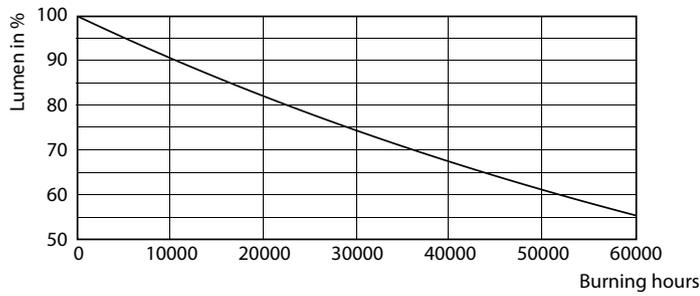
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 6.9W 840 2P G24d-2

FailureRate



Lumen Maintenance Diagram - CorePro LED PLC 6.9W 840 2P G24d-2

