



CorePro LED PLC 4P



CorePro LED PLC 5.5W 840 4P G24q-1

The CorePro LED PLC 4P 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		Temperature	
Cap-Base	G24q-1 ROT	T-Case Maximum (Nom)	70 °C
Nominal lifetime	30,000 hour(s)	Controls and Dimming	
Switching Cycle	200,000	Dimmable	No
Lighting Technology	LED	Warm-up time to 60% light	
Flux measurement reference	Sphere		0.5 s
Light Technical		Power Factor (Fraction)	
Color Code	840 [CCT of 4000K]		0.9
Beam Angle (Nom)	120 degree(s)	Voltage (Nom)	
Luminous Flux	660 lm		220-240 V
Color Designation	Cool White (CW)	Ballast Compatibility	
Correlated Color Temperature (Nom)	4000 K		HF/Mains
Luminous Efficacy (rated) (Nom)	120 lm/W	LED alternative to fluorescent lamp power	
Color Consistency	<6		13 W
Color rendering index (CRI)	82	Inrush current at mains	
LLMF At End Of Nominal Lifetime (Nom)	70 %		-
Operating and Electrical		Max. lamp no. on MCB B type 10A - Mains	
Input Frequency	50 to 60 Hz		-
Power Consumption	5.5 W	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	
Lamp Current (Nom)	30 mA		-
Starting Time (Nom)	0.5 s	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	
			-
		Max. lamp no. on MCB B type 16A - Mains	
			-
		Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	
			-
		Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	
			-

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	128 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.100 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	1945439
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

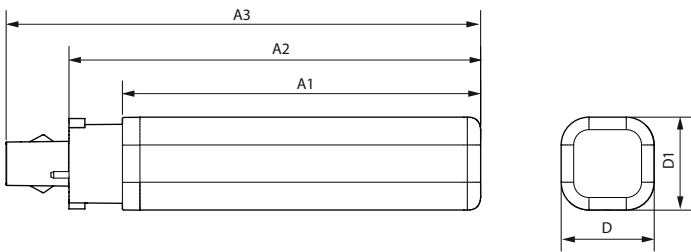
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

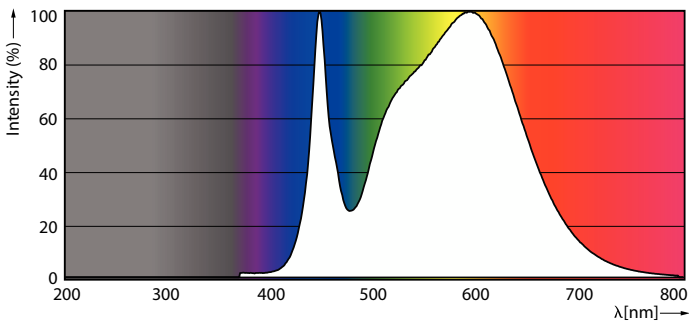
Order product name	CorePro LED PLC 5.5W 840 4P G24q-1
Full product name	CorePro LED PLC 5.5W 840 4P G24q-1
Full product code	872016929043300
Order code	929003757702
Material Nr. (12NC)	929003757702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169290433
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169290440

Dimensional drawing

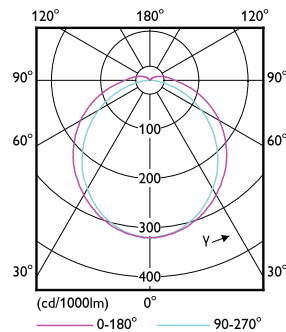


Product	D1	D2	A1	A2	A3
CorePro LED PLC 5.5W 840 4P G24q-1	34 mm	34 mm	109 mm	128 mm	144 mm

Photometric data



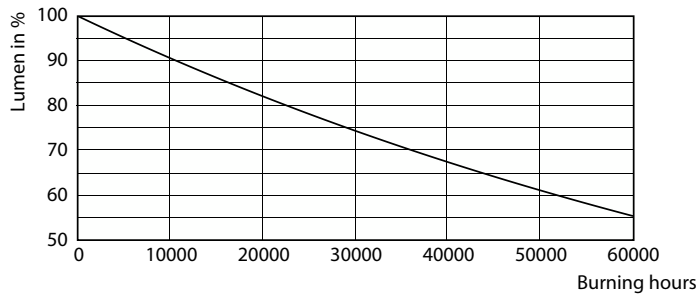
Spectral Power Distribution Colour - CorePro LED PLC 5.5W 840 4P G24q-1



Light Distribution Diagram - CorePro LED PLC 5.5W 840 4P G24q-1

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 5.5W 840 4P G24q-1

