





## CorePro LED PLC 6.5W 830 4P G24q-2

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			
Cap-Base	G24q-2 ROT		
Nominal lifetime	30,000 hour(s)		
Switching Cycle	200,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical			
Color Code	830 [CCT of 3000K]		
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	700 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	107 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Power Consumption	6.5 W		
Lamp Current (Nom)	35 mA		
Starting Time (Nom)	0.5 s		

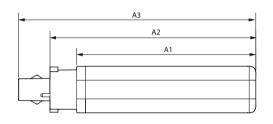
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Ballast Compatibility	HF/Mains
LED alternative to fluorescent lamp power	18 W
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast	-
without Compensation Capacitor.	
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.	
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No

Datasheet, 2025, March 20 data subject to change

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	F		
Energy Saving Product	Yes		
Approval Marks	RoHS compliance		
Energy Consumption kWh/1000 h	7 kWh		
EPREL Registration Number	1945438		
CE mark	Yes		
EU RoHS compliant	Yes		
Ambient temperature range	-20 to +45 ℃		

Application Conditions			
can it be used in closed luminaires	Yes		
Product Data			
Order product name	CorePro LED PLC 6.5W 830 4F		
	G24q-2		
Full product name	CorePro LED PLC 6.5W 830 4F		
	G24q-2		
Full product code	872016929045700		
Order code	929003757802		
Material Nr. (12NC)	929003757802		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8720169290457		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8720169290464		

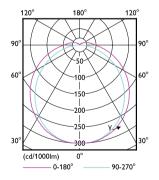
## Dimensional drawing



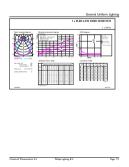


Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 830 4P G24q-2	34 mm	34 mm	109 mm	128 mm	144 mm

### Photometric data

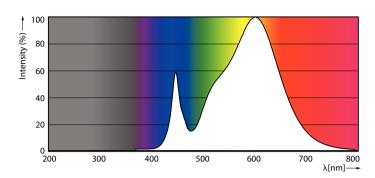






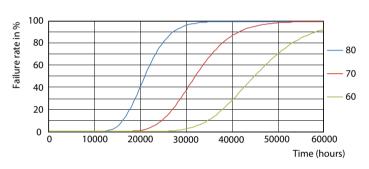
General uniform lighting - CorePro LED PLC 6.5W 830 4P G24q-2

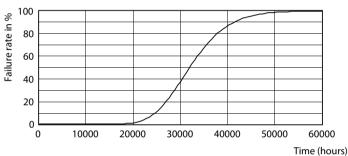
#### Photometric data



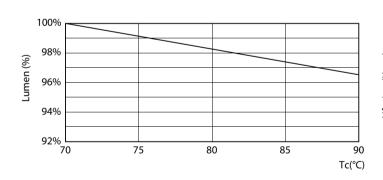
Spectral Power Distribution Colour - CorePro LED PLC 6.5W 830 4P G24q-2

#### Lifetime

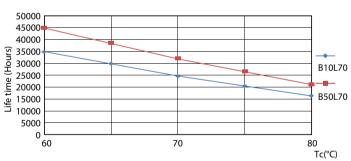




#### FailureRate



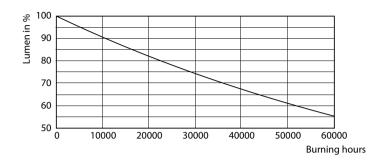




Lumen Maintenance Diagram - CorePro LED PLC 6.5W 830 4P G24q-2

LifetimeVsTc

#### Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 6.5W 830 4P G24q-2



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