





CorePro LED PLT HF 9W 830 4P GX24q-3

The CorePro LED PLT 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	GX24Q-3 [GX24q-3]		
Nominal lifetime	30,000 h		
Switching Cycle	200,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
CE mark	Yes		
EU RoHS compliant	Yes		
Light Technical			
Colour Code	830 [CCT of 3000K]		
Beam angle (nom.)	120 degree(s)		
Luminous Flux	990 lm		
Colour designation	White (WH)		
Correlated Colour Temperature	3000 K		
Luminous efficacy (rated) (nom.)	110 lm/W		
Colour consistency	<6		
Colour rendering index (CRI)	82		
LLMF at end of nominal lifetime (nom.)	70 %		
Photobiological safety according to EN 62471 RG1			
Operating and Electrical			
Line Frequency	20K-80K Hz		

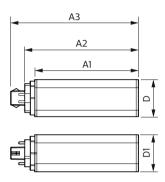
Input frequency	20 K-80 K Hz			
Power Consumption	9 W			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (nom.)	20-60 V			
LED alternative to fluorescent lamp power	26 W			
Temperature				
Ambient temperature range	-20°C to 35°C			
T-Case maximum (nom.)	65 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Lamp Finish	Frosted			
Bulb material	Plastic			
Product length	100 mm			
Bulb shape	Tube, single-ended			
Approval and Application				
Energy Efficiency Class	F			

Datasheet, 2023, April 15 data subject to change

Energy-saving product	Yes			
Approval marks	RoHS compliance TUV CE marking KEMA			
	Keur certificate			
Energy consumption kWh/1,000 hours	9 kWh			
EPREL registration number	1361422			
Product Data				
Full EOC	871951448780200			
Order product name	CorePro LED PLT HF 9W 830 4P			
	GX24q-3			

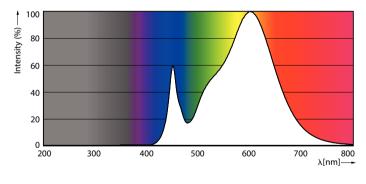
Order code	48780200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12 NC)	929003576502
Full product name	CorePro LED PLT HF 9W 830 4P
	GX24q-3
EAN/UPC - Case	8719514487819
EAN/UPC - Product/Case	8719514487802

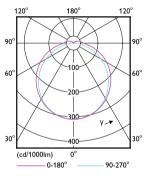
Dimensional drawing



Product	D1	D2	A1	A2	А3
CorePro LED PLT HF 9W 830 4P GX24q-3	42 mm		115 mm	127 mm	142 mm

Photometric data

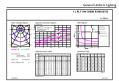




Spectral Power Distribution Colour

Light Distribution Diagram

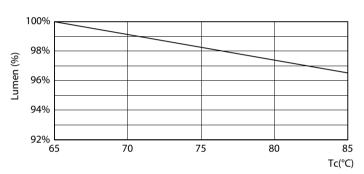
Photometric data

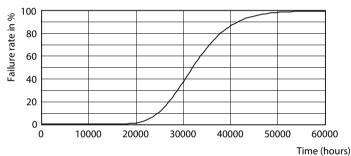


Calculus Photoametrics 4.5 Philips Lighting Scv. Fago: 171

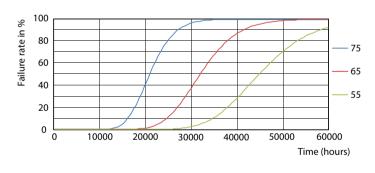
General uniform lighting - CorePro LED PLT HF 9W 830 4P GX24q-3

Lifetime

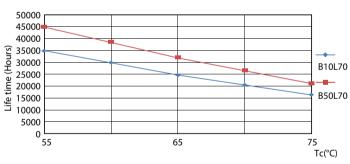




Lumen Maintenance Diagram



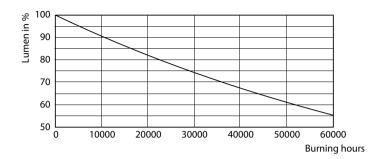
Life Expectancy Diagram - CorePro LED PLT HF 9W 830 4P GX24q-3



Life Expectancy Diagram

Life Expectancy Diagram

Lifetime



Lumen Maintenance Diagram - CorePro LED PLT HF 9W 830 4P GX24q-3



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