





CorePro LED PLT HF 18.5W 830 4P GX24q-4

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-4 [GX24q-4]
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	2,100 lm
Colour designation	White (WH)
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	113 lm/W
Colour consistency	<6
Colour rendering index (CRI)	82
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 624	171 RG1
Operating and Electrical	
Line Frequency	20K-80K Hz

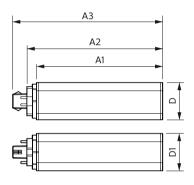
Input frequency	20 K-80 K Hz				
Power Consumption	18.5 W				
Starting time (nom.)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (nom.)	20-60 V				
LED alternative to fluorescent lamp power	42 W				
Temperature					
Ambient temperature range	-20°C to 35°C				
T-Case maximum (nom.)	75 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Lamp Finish	Frosted				
Bulb material	Plastic				
Product length	200 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	19 kWh			
EPREL registration number	1361426			
Product Data				
Full EOC	871951448788800			
Order product name	CorePro LED PLT HF 18.5W 830 4P			
	GX24q-4			

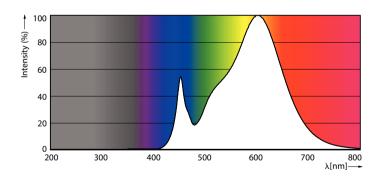
Order code	48788800			
SAP numerator – quantity per pack	1			
Numerator – packs per outer box	20			
Material no. (12 NC)	929003576902			
Full product name	CorePro LED PLT HF 18.5W 830 4P			
	GX24q-4			
EAN/UPC - Case	8719514487895			
EAN/UPC - Product/Case	8719514487888			

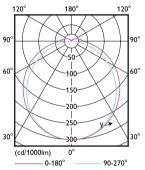
Dimensional drawing



Product	D1	D2	A1	A2	А3
CorePro LED PLT HF 18.5W 830 4P GX24q-4	42 mm		139 mm	151 mm	166 mm

Photometric data

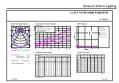




Spectral Power Distribution Colour

Light Distribution Diagram

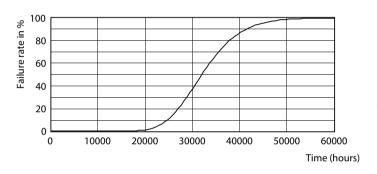
Photometric data

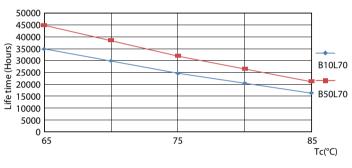


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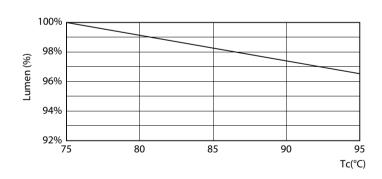
General uniform lighting - CorePro LED PLT HF 18.5W 830 4P GX24q-4

Lifetime

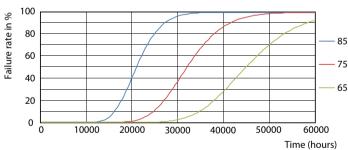




Life Expectancy Diagram - CorePro LED PLT HF 18.5W 830 4P GX24q-4



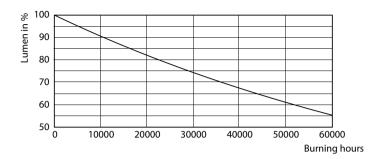
Life Expectancy Diagram



Lumen Maintenance Diagram

Life Expectancy Diagram

Lifetime



Lumen Maintenance Diagram - CorePro LED PLT HF 18.5W 830 4P GX24q-4



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