



CorePro LED PLT 4P



CorePro LED PLT HF 6.5W 840 4P GX24q-2

The CorePro LED PLT 4P 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

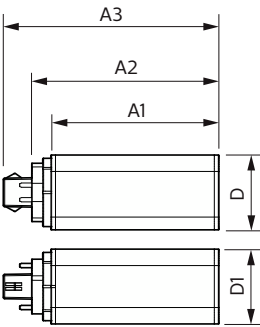
General Information		Input frequency	
Cap base	GX24Q-2 [GX24q-2]	Power Consumption	20 K–80 K Hz
Nominal lifetime	30,000 h	Starting time (nom.)	6.5 W
Switching Cycle	200,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
Flux measurement reference	Sphere	Voltage (nom.)	20–60 V
CE mark	Yes	LED alternative to fluorescent lamp power	18 W
EU RoHS compliant	Yes	Temperature	
Light Technical		Ambient temperature range	–20°C to 35°C
Colour Code	840 [CCT of 4000K]	T-Case maximum (nom.)	65 °C
Beam angle (nom.)	120 degree(s)	Controls and Dimming	
Luminous Flux	800 lm	Dimmable	No
Colour designation	Cool White (CW)	Mechanical and Housing	
Correlated Colour Temperature	4000 K	Lamp Finish	Frosted
Luminous efficacy (rated) (nom.)	123 lm/W	Bulb material	Plastic
Colour consistency	<6	Product length	100 mm
Colour rendering index (CRI)	82	Bulb shape	Tube, single-ended
LLMF at end of nominal lifetime (nom.)	70 %	Approval and Application	
Photobiological safety according to EN 62471	RG1	Energy Efficiency Class	E
Operating and Electrical			
Line Frequency	20K-80K Hz		

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Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	7 kWh
EPREL registration number	1361421
Product Data	
Full EOC	871951448778900
Order product name	CorePro LED PLT HF 6.5W 840 4P GX24q-2

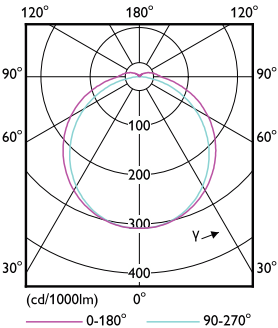
Order code	48778900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12 NC)	929003576402
Full product name	CorePro LED PLT HF 6.5W 840 4P GX24q-2
EAN/UPC - Case	8719514487796
EAN/UPC - Product/Case	8719514487789

Dimensional drawing

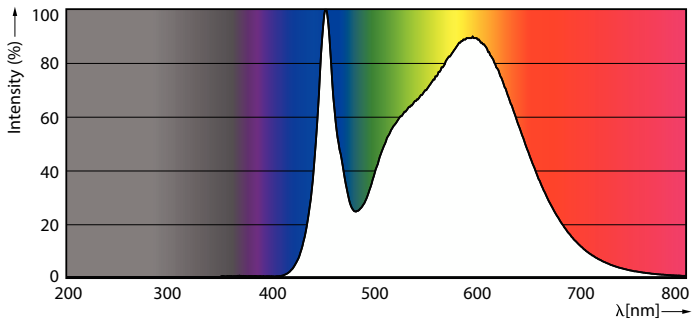


Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 6.5W 840 4P GX24q-2	42 mm		93 mm	103 mm	119 mm

Photometric data



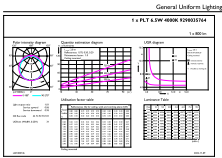
Light Distribution Diagram



Spectral Power Distribution Colour

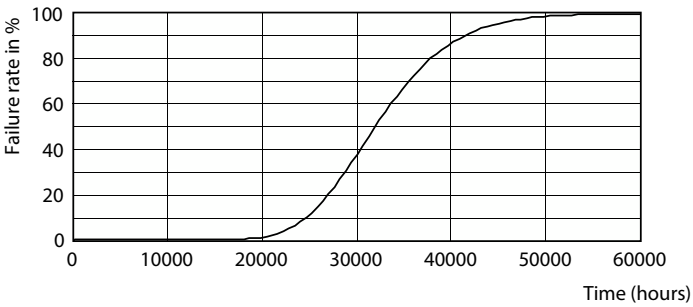
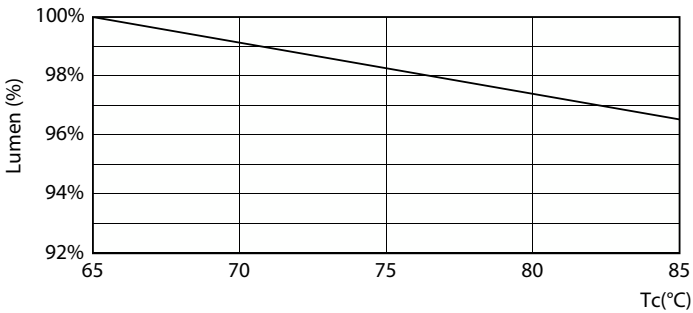
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Photometric data



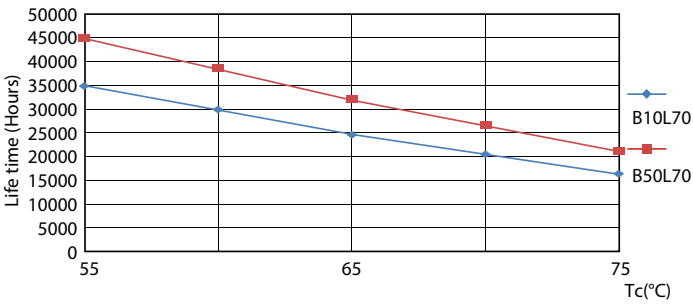
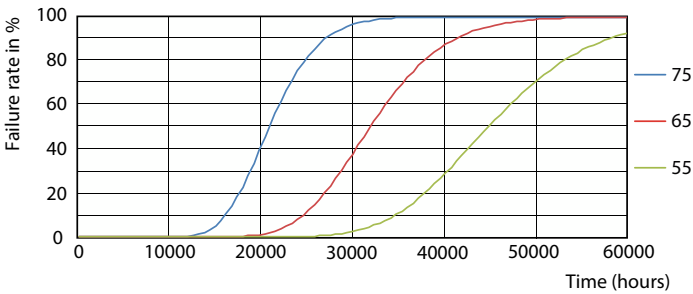
General Uniform Lighting - CorePro LED PLT HF 6.5W 840 4P GX24q-2

Lifetime



Lumen Maintenance Diagram

Life Expectancy Diagram - CorePro LED PLT HF 6.5W 840 4P GX24q-2



Life Expectancy Diagram

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Lifetime



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