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 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-2 [GX24q-2]
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	840 [CCT of 4000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	800 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	123 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	6.5 W
Lamp current (max.)	300 mA
Lamp current (min.)	150 mA
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	18 W

Temperature	
Ambient temperature range	-20°C to 35°C
T-Case maximum (nom.)	65 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	100 mm
Bulb shape	Tube, single-ended

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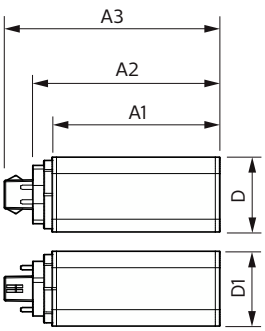
Approval and Application	
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	7 kWh
EPREL registration number	1361421

Product Data	
Full EOC	871951448778900
Order product name	CorePro LED PLT HF 6.5W 840 4P GX24q-2

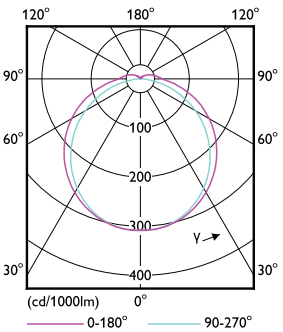
Order code	48778900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12 NC)	929003576402
Full product name	CorePro LED PLT HF 6.5W 840 4P GX24q-2
EAN/UPC - Case	8719514487796
EAN/UPC — Product/Case	8719514487789

Dimensional drawing

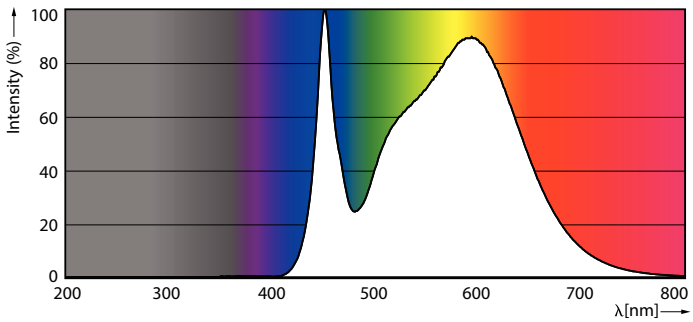


Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 6.5W 840 4P GX24q-2	42 mm		93 mm	103 mm	119 mm

Photometric data



Light Distribution Diagram



Spectral Power Distribution Colour

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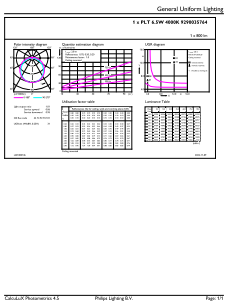
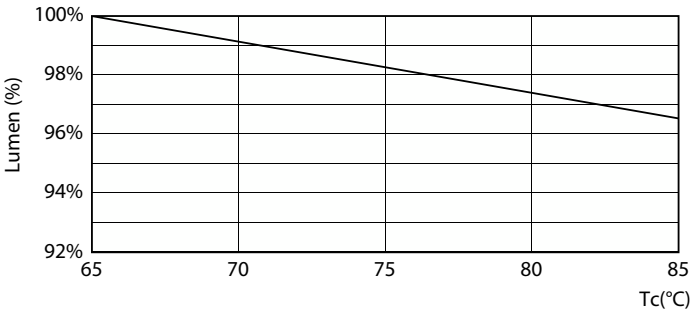
Photometric data

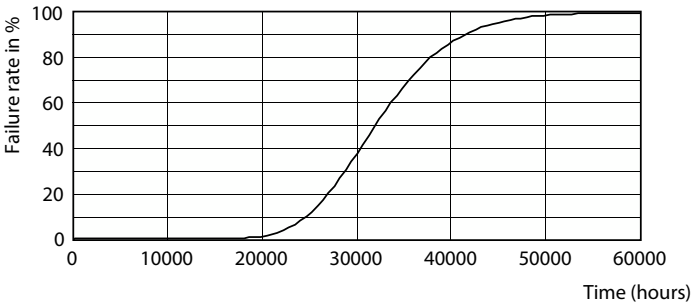


General uniform lighting - CorePro LED PLT HF 6.5W 840 4P GX24q-2

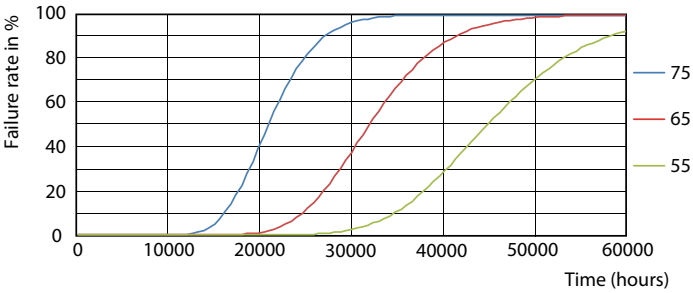
Lifetime



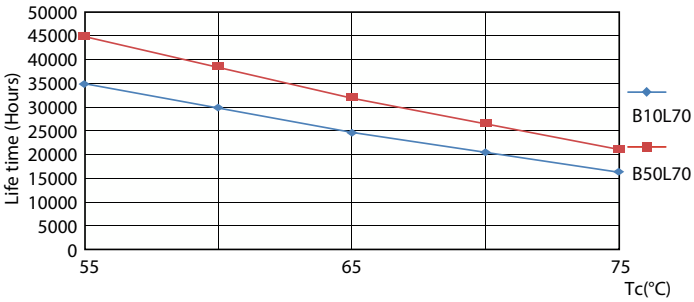
Lumen Maintenance Diagram



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



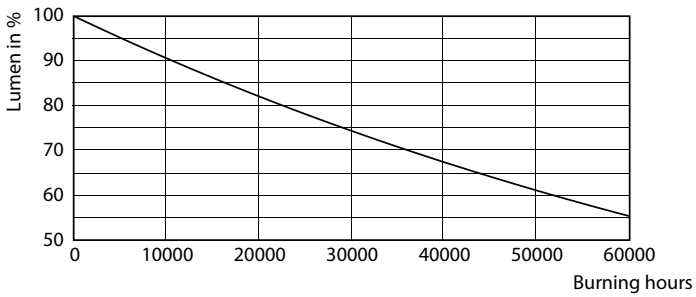
Life Expectancy Diagram - CorePro LED PLT HF 6.5W 840 4P GX24q-2



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

CorePro LED PLT 4P

Lifetime



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

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