

CorePro LED PLT 4P



CorePro LED PLT HF 18.5W 840 4P GX24q-4

CorePro, LED, PL-T, HF, 151 mm, 18.5 W, 42W PL-T, 4000 K, 2250 lm, CRI 82, 30000 hour(s)

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		Photobiological safety according to EN 62471	
Cap-Base	GX24Q-4 Rotatable end-cap	RG1	
Nominal lifetime	30,000 hour(s)	Operating and Electrical	
Switching Cycle	200,000	Line Frequency	20K-80K Hz
Lighting Technology	LED	Input Frequency	20K-80K Hz
Flux measurement reference	Sphere	Power Consumption	18.5 W
Warranty period	3 years	Lamp Current (Max)	400 mA
Light Technical		Lamp Current (Min)	250 mA
Color Code	840 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	120 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	2,250 lm	Power Factor (Fraction)	0.9
Color Designation	Cool White (CW)	Voltage (Nom)	20-60 V
Correlated Color Temperature (Nom)	4000 K	LED alternative to fluorescent lamp power	42W PL-T
Luminous Efficacy (rated) (Nom)	121 lm/W	Inrush current at mains	-
Color Consistency	<6	Max. lamp no. on MCB B type 10A - Mains	-
Color rendering index (CRI)	82	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
LLMF At End Of Nominal Lifetime (Nom)	70 %	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-

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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.	-
Ballast Compatibility	HF

Temperature

T-Case Maximum (Nom)	75 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	151 mm
Bulb Shape	PL-T
Net Weight (Piece)	0.135 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	19 kWh
EPREL Registration Number	1361427
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 35 °C

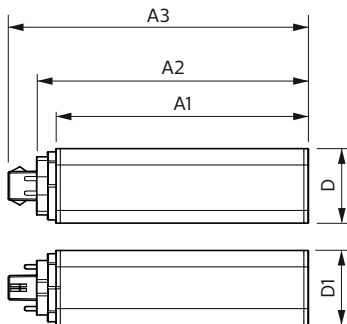
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
Full product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
Full product code	871951448790100
Order code	929003577002
Material Nr. (12NC)	929003577002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514487901
Numerator - Packs per outer box	20
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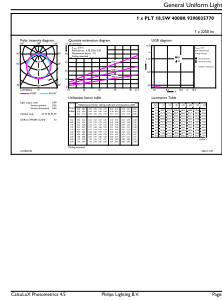
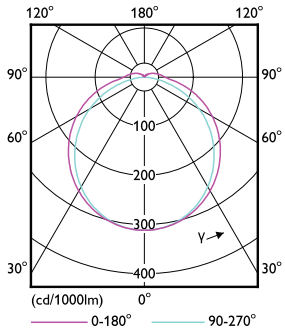
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 18.5W 840 4P GX24q-4	42 mm	42 mm	139 mm	151 mm	166 mm

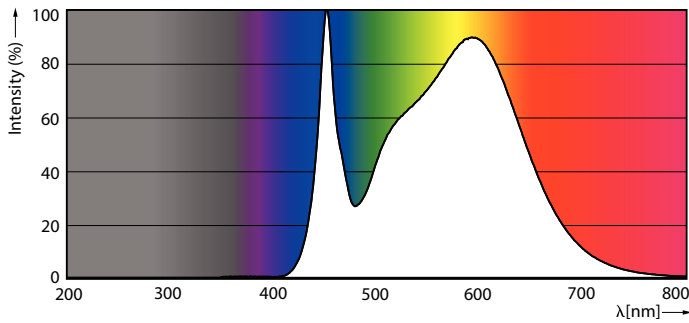
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Photometric data



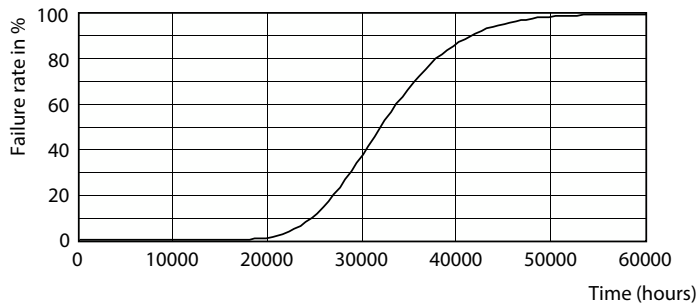
Light Distribution Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4

General uniform lighting - CorePro LED PLT HF 18.5W 840 4P GX24q-4

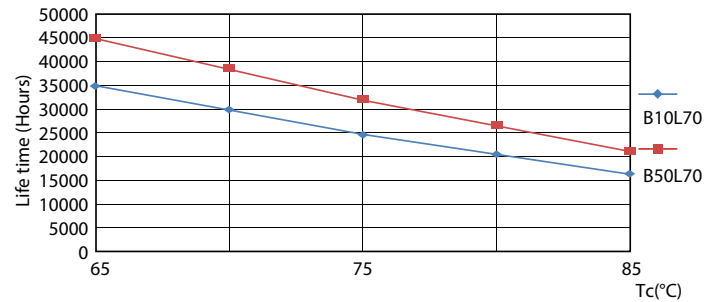


Spectral Power Distribution Colour - CorePro LED PLT HF 18.5W 840 4P GX24q-4

Lifetime



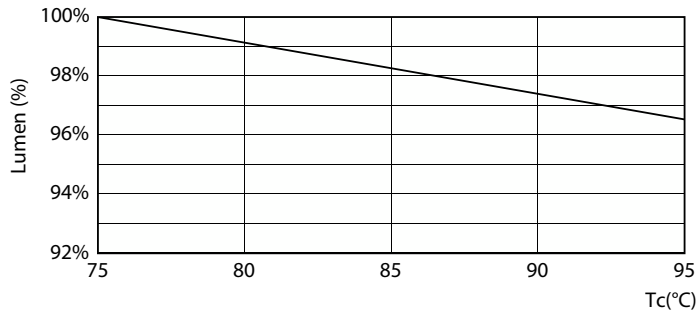
Life Expectancy Diagram



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4

FailureRate



Lumen Maintenance Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4

