

CorePro LED PLT 4P



CorePro LED PLT HF 18.5W 840 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

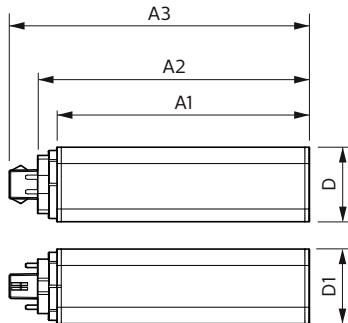
General Information		
Cap-Base	GX24Q-4 [GX24q-4]	
Nominal lifetime	30,000 hour(s)	
Switching Cycle	200,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
CE mark	Yes	
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	120 degree(s)	
Luminous Flux	2,250 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	121 lm/W	
Color Consistency	<6	
Color 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		20K-80K Hz
Power Consumption		18.5 W
Lamp Current (Max)		400 mA
Lamp Current (Min)		250 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		42 W
Max. lamp no. on MCB B type 10A - Mains	-	
Max. lamp no. on MCB B type 10A - EM ballast	-	
without Comp. Cap.		
Max. lamp no. on MCB B type 10A - EM ballast	-	
with Comp. Cap.		
Max. lamp no. on MCB B type 16A - Mains	-	
Max. lamp no. on MCB B type 16A - EM ballast	-	
without Comp. Cap.		
Max. lamp no. on MCB B type 16A - EM ballast	-	
with Comp. Cap.		
Temperature		
Ambient temperature range	-20 °C to 35 °C	

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T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	200 mm
Bulb Shape	PL-T
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	19 kWh

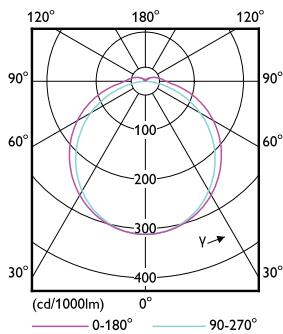
EPREL Registration Number	1361427
Product Data	
Order product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
Full product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
Full product code	871951448790100
Order code	929003577002
Material Nr. (12NC)	929003577002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514487901
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514487918

Dimensional drawing

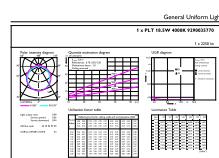


Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 18.5W 840 4P GX24q-4	42 mm		139 mm	151 mm	166 mm

Photometric data



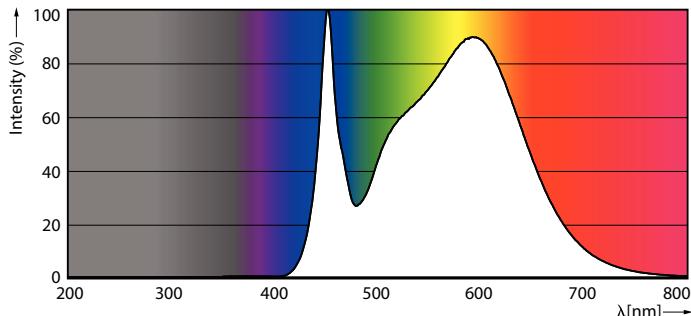
Light Distribution Diagram



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

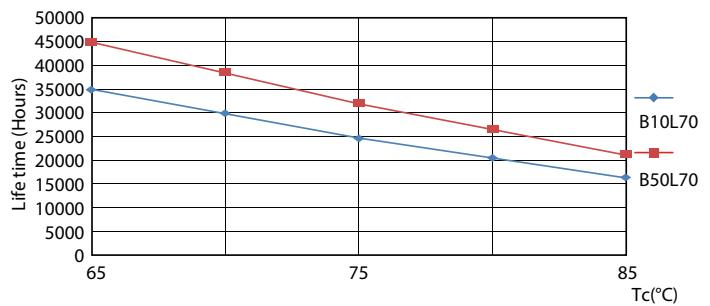
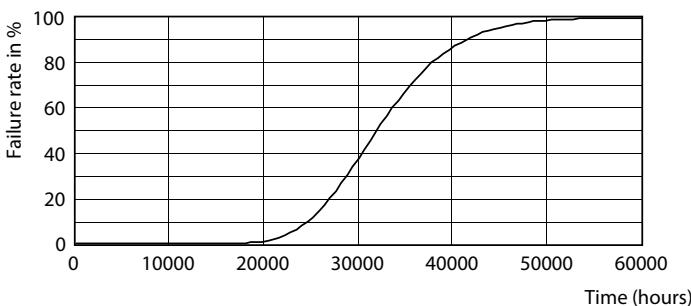
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Photometric data

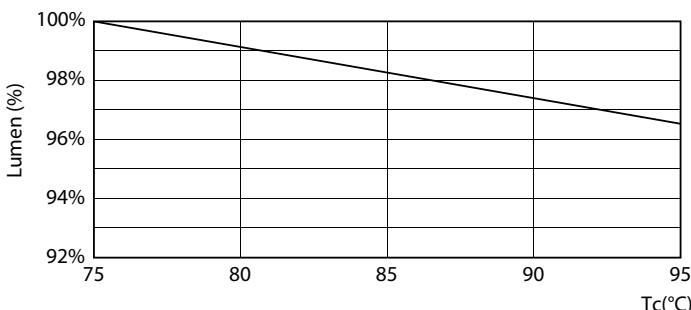


Spectral Power Distribution Colour

Lifetime

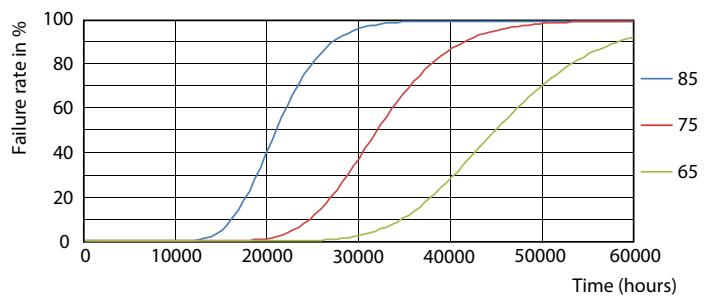


Life Expectancy Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4



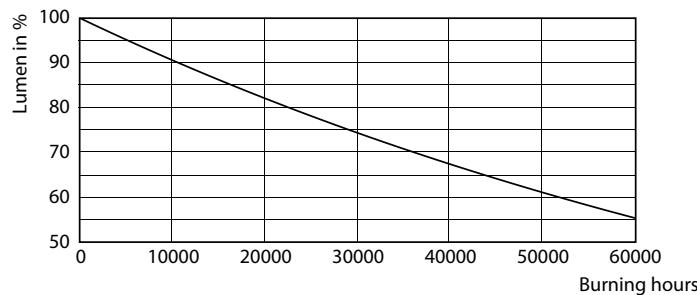
Lumen Maintenance Diagram

Life Expectancy Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4



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Lifetime



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