PHILIPS

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

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Lighting

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			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	2,250 lumen			
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 %				

Operating and Electrical	
Line Frequency	20K-80K Hz
Input Frequency	20K-80K 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			
Temperature				
Ambient temperature range	-20 ℃ to 35 ℃			
T-Case Maximum (Nom)	75 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	200 mm			
Bulb Shape	Tube, single-ended			
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			

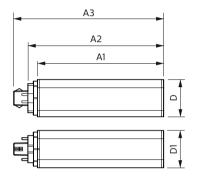
CorePro LED PLT 4P

EPREL Registration Number	1361427
CE mark	Yes
EU RoHS compliant	Yes

Product Data	
Full product code	871951448790100
Order product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
Order code	929003577002

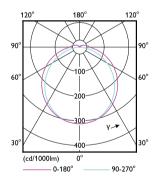
A	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003577002
Full product name	CorePro LED PLT HF 18.5W 840 4P GX24q-4
EAN/UPC - Case	8719514487918

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

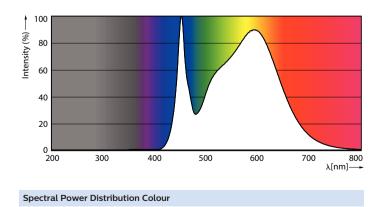
Photometric data



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General Uniform Lighti

Light Distribution Diagram



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

CorePro LED PLT 4P

Lifetime

100%

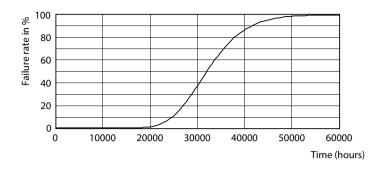
98%

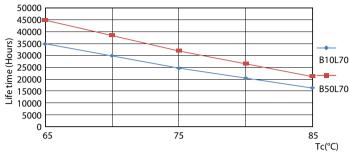
96%

94%

92% ∟ 75

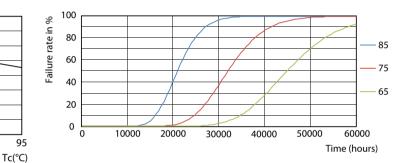
Lumen (%)





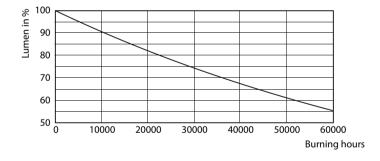
Life Expectancy Diagram - CorePro LED PLT HF 18.5W 840 4P GX24q-4





Lumen Maintenance Diagram

80



85

90

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

Life Expectancy Diagram

CorePro LED PLT 4P



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www.lighting.philips.com 2023, June 13 - data subject to change