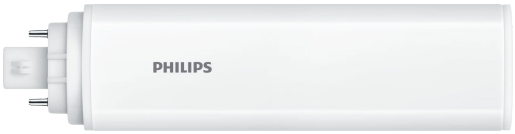
PHILIPS

Lighting



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 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 %
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
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

Temperature	
Ambient temperature range	-20 °C to 35 °C
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	Tube, single-ended

Approval and Application	
Energy Efficiency Class	E

CorePro LED PLT 4P

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

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

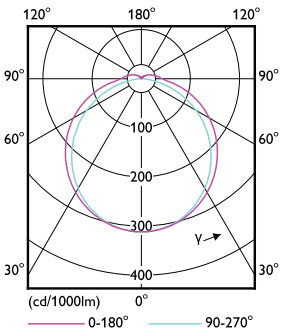
Product Data

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

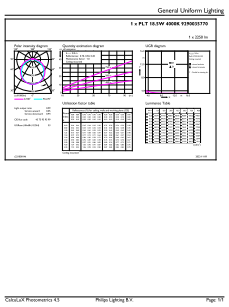
Dimensional drawing

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



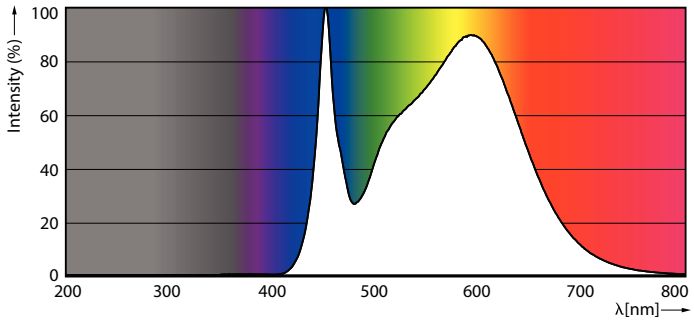
Light Distribution Diagram



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

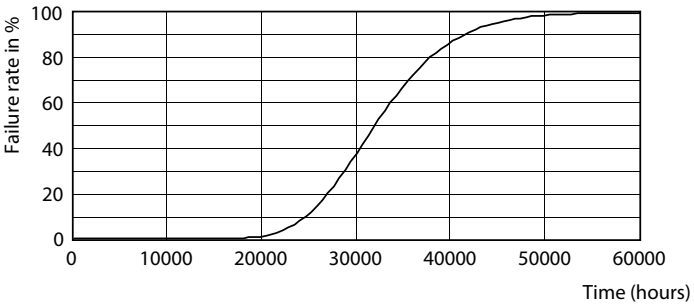
CorePro LED PLT 4P

Photometric data



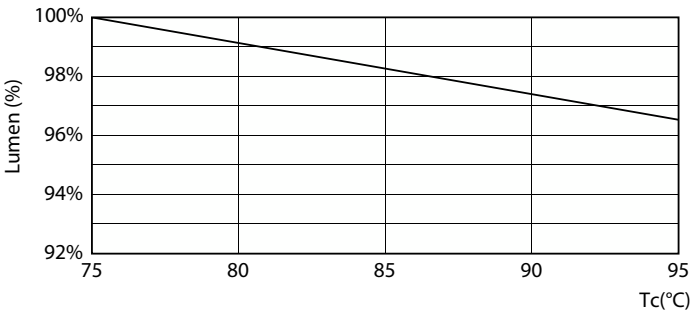
Spectral Power Distribution Colour

Lifetime



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

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

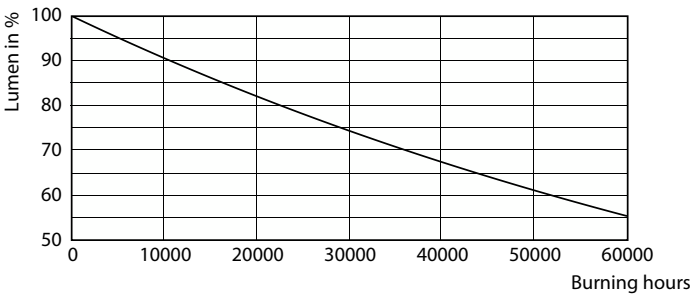


Lumen Maintenance Diagram

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

CorePro LED PLT 4P

Lifetime



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

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.