PHILIPS Lighting

The new generation of energy-saving LED PLT 4P tube lighting

CorePro LED PLT 4P

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

Benefits
· Highly energy-efficient
· Easy installation
· Conventional form factor to fit into existing luminaire
· No mercury

Features
· Reduced operational cost thanks to lower energy consumption
· Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
· Fastest and easiest way to upgrade existing luminaires to LED technology
· Completely safe product and installation process

Application
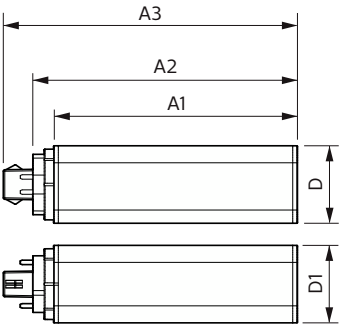· Hospitality, retail, office, industrial and home applications

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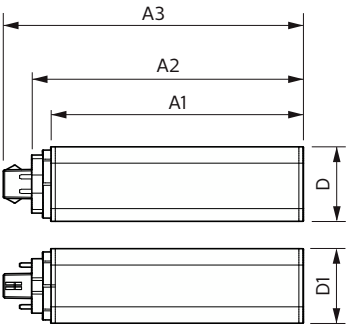## Versions

LEDtube COR PLT 15W GX24Q3

LEDtube COR PLT 18 5W GX24Q4

Dimensional drawing

Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 15W 830 4P GX24q-3	42 mm	42 mm	129 mm	141 mm	156 mm

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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General Information

Switching Cycle	200,000
Nominal lifetime	30,000 hour(s)

Light Technical

Beam Angle (Nom)	120 degree(s)
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	20K–80K Hz
Line Frequency	20K–80K Hz
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	PL-T

Approval and Application

Ambient temperature range	–20 °C to 35 °C

General Information

Order Code	Full Product Name	Cap-Base
48784000	CorePro LED PLT HF 15W 830 4P GX24q-3	GX24q-3
48790100	CorePro LED PLT HF 18.5W 840 4P GX24q-4	GX24q-4

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
48784000	CorePro LED PLT HF 15W 830 4P GX24q-3	3000 K	830	1,620 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
48790100	CorePro LED PLT HF 18.5W 840 4P GX24q-4	4000 K	840	2,250 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
48784000	CorePro LED PLT HF 15W 830 4P GX24q-3	15 W

Order Code	Full Product Name	Power Consumption
48790100	CorePro LED PLT HF 18.5W 840 4P GX24q-4	18.5 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
48784000	CorePro LED PLT HF 15W 830 4P GX24q-3	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
48790100	CorePro LED PLT HF 18.5W 840 4P GX24q-4	75 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
48784000	CorePro LED PLT HF 15W 830 4P GX24q-3	15 kWh
48790100	CorePro LED PLT HF 18.5W 840 4P GX24q-4	19 kWh

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www.lighting.philips.com

2024, August 30 – data subject to change