



PHILIPS

CorePro LED PLC & PLL



Maintain the spilling or **lower your cost?**

Real pros count on **Philips CorePro LED** PLC & LED PLL lamps

**REAL
PROs**
**REAL
QUALITY**

The first quality branded LED replacement for conventional downlights

Philips CorePro LED PLC & PLL are the ideal uplamping solutions for downlights in a wide range of general lighting applications. They integrate a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives. So you can upgrade your lighting at the same time as downgrading your costs.



Save on energy

CorePro LED PLC & PLL lamps use significantly less energy, which means they're up to 60% more efficient than fluorescent alternatives. LED downlights that enable you to switch on instant energy savings while re-using your existing fixtures.

Three times longer lasting

They're also designed for longevity. CorePro LED PLC & PLL lamps can extend the 10,000 hours lifetime you'd expect from fluorescent downlights to 30,000 hours. Making them three times more attractive in terms of routine maintenance and planned replacement costs.

The ideal upgrade

CorePro LED PLC & PLL lamps are the ideal upgrade for downlights in a wide range of applications. These include reception areas, meeting rooms, corridor and hallways in offices, retail stores and hospitality venues.



Key benefits



Energy efficient

- 60% more energy efficient than fluorescent lamps
- Efficiency up to 111 lm/W



Long lasting & robust

- 30,000 hours lifetime reduces maintenance costs
- Shatter-proof plastic, not glass



Simple lamp-for-lamp replacement

- NEW PLC 13W, 18W and 26W and PLL 36W and 55W replacements
- Re-using the existing fixture without major modifications, using a similar PLC or PLL form-factor



High quality of light

- Instant 100% light
- Rotating end-caps for PLC
- Choice of 3000 K and 4000 K for PLC and 3000 K, 4000 K and 6500 K voor PLL
- No flickering or strobing



Existing lamps

CorePro LED PLC 2-pin lamp range (EM)

CorePro LED PLC 4-pin lamp range (HF)

Fluorescent PLC 13W lamp

G24d-1

G24q-1

Fluorescent PLC 26w lamp

G24d-2

G24q-2

Fluorescent PLC 13W lamp

G24d-3

G24q-3



Existing lamps

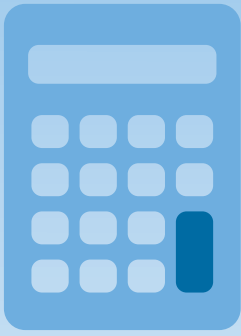
CorePro LED PLL 4-pin lamp range (HF)

Fluorescent PLL 36W lamp

2G11

Fluorescent PLL 55W lamp

2G11



Get your TCO in downlights!

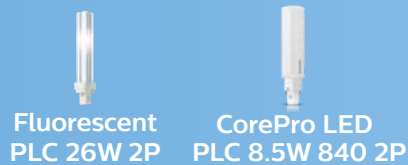
CorePro LED PLC & PLL are also designed to reduce your Total Cost of Ownership with low energy costs, a reliable 30,000 hour lifetime and a payback period of less than 2 years.

A simple, retrofit solution

CorePro LED PLC & PLL lamps are simple to install and require no building or modification work because they use a similar form-factor. Designed to fit neatly into existing fixtures, the range includes both 2-pin (EM) and 4-pin (HF) lamps options. The 2-pin lamps are compatible with electromagnetic ballasts, check the ballast compatibility list on our website. A simple retrofit solution for 13, 18 and 26W fluorescent PLC and 36, 55W.

Light where you need it most

The rotating end-cap feature makes it easy to direct LED PLC light to precisely where you want it. You can turn the lamp from -45° to +90°, ensuring maximum compatibility with the design of any luminaire you need to install. So you can optimize light distribution and use it to best effect where it's needed most.



Longer lifetime

10,000 Hrs

30,000 Hrs



69%

26W

8.5W

721 €

Savings / year

12,5 months

Payback period

Number of lamps	50
Burning hours per year	4,380 Hrs
Energy costs	0.12 Euro/kWh

Average buying price installer ex VAT / lamp	4 €	15,00 €
Total costs / year / lamp	21.80 €	7.39 €

Based on the European average of 12 cent/kW hours (including maintenance and lamp replacement cost)

Product specifications



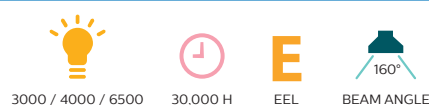
CorePro LED PLC



Product type	LED	Rotable end cap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC
CorePro LED PLC	W		lm		°		K	8718696
4.5W 830 2P G24d-1	4.5	Yes	475	EM	120	83	3000	70659600
4.5W 840 2P G24d-1	4.5	Yes	500	EM	120	83	4000	70661900
6.5W 830 2P G24d-2	6.5	Yes	650	EM	120	83	3000	54127200
6.5W 840 2P G24d-2	6.5	Yes	700	EM	120	83	4000	54129600
8.5W 830 2P G24d-3	8.5	Yes	950	EM	120	83	3000	54123400
8.5W 840 2P G24d-3	8.5	Yes	1000	EM	120	83	4000	54125800
4.5W 830 4P G24q-1	4.5	Yes	475	HF	120	83	3000	70663300
4.5W 840 4P G24q-1	4.5	Yes	500	HF	120	83	4000	70665700
6.5W 830 4P G24q-2	6.5	Yes	650	HF	120	83	3000	54119700
6.5W 840 4P G24q-2	6.5	Yes	700	HF	120	83	4000	54121000
9W 830 4P G24q-3	9	Yes	950	HF	120	83	3000	54115900
9W 840 4P G24q-3	9	Yes	1000	HF	120	83	4000	54117300



CorePro LED PLL



Product type	LED	Rotable end cap	Lumen output	Beam angle	CRI	Color temperature	EOC
CorePro LED PLL	W		lm	°		K	8718696
HF 16.5W 830 4P 2G11	16,5	No	2000	160	83	3000	73966200
HF 16.5W 840 4P 2G11	16,5	No	2100	160	83	4000	73974700
HF 16.5W 865 4P 2G11	16,5	No	2100	160	83	6500	73976100
HF 24W 830 4P 2G11	24	No	3200	160	83	3000	82839700
HF 24W 840 4P 2G11	24	No	3400	160	83	4000	82841000
HF 24W 865 4P 2G11	24	No	3400	160	83	6500	82843400



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All technical information can be found at www.philips.com/ledtubes