

PHILIPS

CorePro LED PL lamps



NEW!

PLS 9/11W replacement
PLL 55W replacement

Maintain the spilling or
lower your cost?

Real professionals count on **Philips LED PL lamps**

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

The first quality branded LED replacement for general lighting applications

The Philips LED PL lamps product family consists of CorePro LED PLC, PLL and - our latest addition - PLS. They are the ideal solution for the replacement of conventional lighting in a wide range of general lighting applications. These LED PL lamps fit directly into your existing luminaires while at the same time offering energy savings over a lifetime that's twice as long as their fluorescent alternatives. So you can upgrade your lighting at the same time as downgrading your costs.



Save on energy

LED PL lamps use significantly less energy, which means they're up to 60% more efficient than fluorescent alternatives. They enable you to switch on instant energy savings while re-using your existing luminaires.

Three times longer lasting

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

The ideal upgrade

LED PL lamps are the ideal upgrade for general lighting applications. These include reception areas, meeting rooms, corridors 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 PLS 9W and 11W and PLL 55W replacements
- Re-using the existing fixture without major modifications, using a similar PLC, PLL or PLS form-factor



High quality of light

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



Existing downlights

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 18W lamp

G24d-2

G24q-2

Fluorescent PLC 13W lamp

G24d-3

G24q-3



Existing downlights

CorePro LED PLL 4-pin lamp range (HF)

Existing downlights

CorePro LED PLS 2-pin lamp range (EM)

Fluorescent PLL 36W lamp

2G11

Fluorescent PLS 9/11W lamp

2P G23

Fluorescent PLL 55W lamp

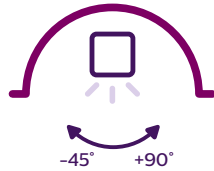
2G11

A simple, retrofit solution

LED PL 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 all electromagnetic ballasts, while the 4-pin lamps work with high frequency ballasts. They are a simple retrofit solution for 13, 18 and 26W fluorescent PLC and 36W PLL lamps.

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.



Fluorescent
PLC 26W 2P



CorePro LED
PLC 8.5W 840 2P



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 0.12 Euro/kWh (including maintenance and lamp replacement cost)

Product specifications



CorePro LED PLC

Product type G24d-1	LED	Lumen output	Operation	Dimmable	Rotable end cap	Beam angle	CRI	Color temperature	Pack	Lifetime	Energy-label	Dimensions	EOC
CorePro LED PLC	W	lm	lm/W			°		K		Hrs.		HxW	8718696
4.5W 830 2P G24D-1	4,5	475	EM (2P)	No	Yes	120	80	3000	10	30,000	A+	131x34	70659600
4.5W 840 2P G24D-1	4,5	500	EM (2P)	No	Yes	120	80	4000	10	30,000	A+	138x34	70661900
6.5W 830 2P G24d-2	6.5	650	EM	No	Yes	120	80	3000	10	30,000	A+	147x33	54127200
6.5W 840 2P G24d-2	6.5	700	EM	No	Yes	120	80	4000	10	30,000	A+	147x33	54129600
8.5W 830 2P G24d-3	8.5	950	EM	No	Yes	120	80	3000	10	30,000	A+	170x80	54123400
8.5W 840 2P G24d-3	8.5	1000	EM	No	Yes	120	80	4000	10	30,000	A+	170x33	54125800
4.5W 830 2P G24Q-1	4,5	475	HF (4P)	No	Yes	120	80	3000	10	30,000	A+	131x34	70663300
4.5W 840 2P G24Q-1	4,5	500	HF (4P)	No	Yes	120	80	4000	10	30,000	A+	138x34	70665700
6.5W 830 4P G24q-2	6.5	650	HF	No	Yes	120	80	3000	10	30,000	A+	163x33	54119700
6.5W 840 4P G24q-2	6.5	700	HF	No	Yes	120	80	4000	10	30,000	A+	140x33	54121000
9W 830 4P G24q-3	9	950	HF	No	Yes	120	80	3000	10	30,000	A+	163x33	54115900
9W 840 4P G24q-3	9	1000	HF	No	Yes	120	80	4000	10	30,000	A+	163x33	54117300



CorePro LED PLL

Product type	LED	Lumen output	Operation	Dimmable	Beam angle	CRI	Color temperature	Pack	Lifetime	Energy-label	Dimensions	EOC
CorePro LED PLL	W	lm	lm/W		°		K		Hrs.		HxW	8718696
16.5W 830 4P 2G11	16.5	2000	HF	No	160	83	3000	10	30,000	A+	411x37	73966200
16.5W 840 4P 2G11	16.5	2100	HF	No	160	83	4000	10	30,000	A+	411x37	73974700
16.5W 865 4P 2G11	16.5	2100	HF	No	160	83	6500	10	30,000	A+	411x37	73976100
NEW 24W 830 4P 2G11 NEW	24	3200	HF	No	160	83	3000	10	30,000	A+		
NEW 24W 840 4P 2G11 NEW	24	3400	HF	No	160	83	4000	10	30,000	A+		
NEW 24W 865 4P 2G11 NEW	24	3400	HF	No	160	83	6500	10	30,000	A+		



CorePro LED PLS

Product type	LED	Lumen output	Operation	Dimmable	Rotable end cap	Beam angle	CRI	Color temperature	Pack	Lifetime	Energy-label	Dimensions	EOC
CorePro LED PLS	W	lm	lm/W			°		K		Hrs.		HxW	8718699
NEW 5W 830 2P G23	5	520	EM (2P)	No	No	120	80	3000	10	30,000	A+	108x31	596668
NEW 5W 840 2P G23	5	550	EM (2P)	No	No	120	80	4000	10	30,000	A+	108x31	596682



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