



PHILIPS

CorePro LED PL-C



Downsize your downlighting costs **with LED PL-C**

The first retrofit LED PL-C lamp designed to increase efficiency and downsize your costs.

innovation ✦ you

The first retrofit upgrade to LED in downlights

Downlighting in general circulation areas represents a major lighting cost for many buildings. CorePro LED PL-C is a retrofit LED PL-C lamp that delivers incredible energy savings over a 30,000 hours lifetime and requires less maintenance and servicing. So you can downsize your downlighting costs with energy efficient LED lamps.



Long-lasting benefits

Compared with conventional fluorescent lamps, CorePro LED PL-C lamps offer many advantages. Thanks to a robust, shatter-proof housing, they're designed for longevity, extending the lifetime you can expect from 10,000 to 30,000 hours.

Energy savings

CorePro LED PL-C lamps are up to 60% more efficient than fluorescent PL-C alternatives, saving on energy costs with re-using the existing fixture.

Wide range of applications

With CorePro LED PL-C lamps you can downsize lighting costs in a wide range of applications, like general circulation areas including hallways, staircases, reception areas and meeting rooms.



NEW!

The first LED
PL-C lamp



Key benefits



Energy efficient

- More than 60% more efficient compared to fluorescent PL-C lamps, saving on energy costs



Long lasting & robust

- Lifetime up to 30,000 hours, reducing maintenance costs
- Made of shatter-proof plastic instead of glass



Simple lamp for lamp replacement

- Easy upgrade from current conventional downlight fixture
- Re-using the existing fixture without major modifications, using a similar PL-C form-factor



High quality of light

- Instant 100% light
- No flickering or stroboscopic light



Existing
downlights

CorePro LED PL-C
2-pin lamp range (EM)

CorePro LED PL-C
4-pin lamp range (HF)

18W lamps

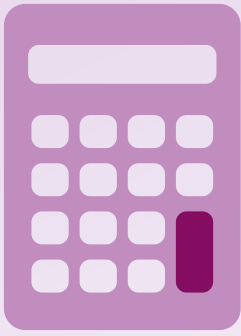
G24d-2

G24q-2

26W lamps

G24d-3

G24q-3



Downsize your TCO in downlights

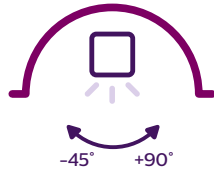
CorePro LED PL-C downlights are also designed to reduce your Total Cost of Ownership with low energy costs, a reliable 30,000 hour lifetime and a payback period of less than 2 years.

A simple, retrofit solution

CorePro LED PL-C lamps are simple to install and require no building or modification work because they use a similar PL-C 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. A simple retrofit solution for fluorescent PL-C lamps replacement for 18 and 26W.

Light where you need it most

The rotating end-cap feature makes it easy to direct 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 PL-C



CorePro LED PL-C



Longer lifetime

10,000 Hrs



30,000 Hrs



69%

26W



8.5W

492.75 €

Savings / year

21.3 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	4 €	17,50 €
Total costs / year	17,61 €	7,75 €

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

> To find out how you could downsize your downlighting costs with LED, go to www.philips.com/coreproledlamps

Product specifications



CorePro LED PL-C / 6.5-8.5 W 2-pin



Product type	LED	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC
CorePro LED PL-C	W	lm		°		K	8718696
6.5W 830 2P G24d-2	6.5	600	EM	120	80	3000	54127200
6.5W 840 2P G24d-2	6.5	650	EM	120	80	4000	54129600
8.5W 830 2P G24d-3	8.5	900	EM	120	80	3000	54123400
8.5W 840 2P G24d-3	8.5	950	EM	120	80	4000	54125800



CorePro LED PL-C / 6.5-9 W 4-pin



Product type	LED	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC
CorePro LED PL-C	W	lm		°		K	8718696
6.5W 830 4P G24q-2	6.5	600	HF	120	80	3000	54119700
6.5W 840 4P G24q-2	6.5	650	HF	120	80	4000	54121000
9W 830 4P G24q-3	9	900	HF	120	80	3000	54115900
9W 840 4P G24q-3	9	950	HF	120	80	4000	54117300

