

**PHILIPS**

CorePro LED PLC



# Downsize your downlighting costs **with LED PLC**

The first retrofit LED PLC 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 PLC is a retrofit LED PLC 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 PLC 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 PLC lamps are up to 60% more efficient than fluorescent PLC alternatives, saving on energy costs with re-using the existing fixture.

## Wide range of applications

With CorePro LED PLC 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  
PLC lamp



## Key benefits



### Energy efficient

- More than 60% more efficient compared to fluorescent PLC 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 PLC form-factor



### High quality of light

- Instant 100% light
- No flickering or stroboscopic light



Existing  
downlights

CorePro LED PLC  
2-pin lamp range (EM)

CorePro LED PLC  
4-pin lamp range (HF)

18W lamps

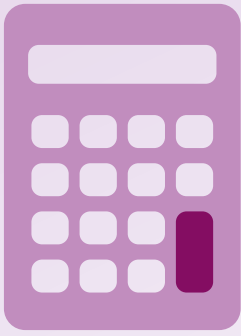
G24d-2

G24q-2

26W lamps

G24d-3

G24q-3



# Downsize your TCO in downlights

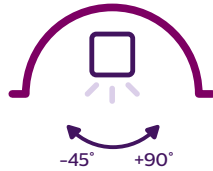
CorePro LED PLC downlights are also designed to reduce your Total Cost of Ownership with low energy costs, a reliable 30,000 hour lifetime and a payback period of less than 2 years.

## A simple, retrofit solution

CorePro LED PLC lamps are simple to install and require no building or modification work because they use a similar PLC 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 PLC 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 PLC



CorePro LED PLC



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](http://www.philips.com/coreproledlamps)

# Product specifications

## CorePro LED PLC 6.5 & 8.5W 2-pin range



3000 / 4000



G24d-2 & G24d-3



30,000 H



EEL



BEAM ANGLE  
120°



ROTATABLE (ROT)



NON-DIMMABLE

| Product description                | Length | System | Color temp | Lumen output | Operation | CRI | 12NC      | EOC         |
|------------------------------------|--------|--------|------------|--------------|-----------|-----|-----------|-------------|
|                                    | mm     | W      | K          | lm           |           |     | 929001201 | 87186965412 |
| CorePro LED PLC 6.5W 830 2P G24d-2 | 147    | 6.5    | 3000       | 600          | EM        | 80  | 402       | 7200        |
| CorePro LED PLC 6.5W 840 2P G24d-2 | 147    | 6.5    | 4000       | 650          | EM        | 80  | 502       | 9600        |
| CorePro LED PLC 8.5W 830 2P G24d-3 | 170    | 8.5    | 3000       | 900          | EM        | 80  | 202       | 3400        |
| CorePro LED PLC 8.5W 840 2P G24d-3 | 170    | 8.5    | 4000       | 950          | EM        | 80  | 302       | 5800        |

## CorePro LED PLC 6.5 & 9W 4-pin range



3000 / 4000



G24q-2 & G24q-3



30,000 H



EEL



BEAM ANGLE  
120°



ROTATABLE (ROT)



NON-DIMMABLE

| Product description                | Length | System | Color temp | Lumen output | Operation | CRI | 12NC     | EOC        |
|------------------------------------|--------|--------|------------|--------------|-----------|-----|----------|------------|
|                                    | mm     | W      | K          | lm           |           |     | 92900120 | 8718696541 |
| CorePro LED PLC 6.5W 830 4P G24q-2 | 140    | 6.5    | 3000       | 600          | HF        | 80  | 1002     | 19700      |
| CorePro LED PLC 6.5W 840 4P G24q-2 | 140    | 6.5    | 4000       | 650          | HF        | 80  | 1102     | 21000      |
| CorePro LED PLC 9.0W 830 4P G24q-3 | 163    | 9      | 3000       | 900          | HF        | 80  | 0802     | 15900      |
| CorePro LED PLC 9.0W 840 4P G24q-3 | 163    | 9      | 4000       | 950          | HF        | 80  | 0902     | 17300      |

