Maintain the spilling or lower your cost?

Phillips CorePro LED PLC & LED PLL

Real professionals count on Philips LED lamps

NEW!
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 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 downlights | CorePro LED PLC 2-pin lamp range (EM) | CorePro LED PLC 4-pin lamp range (HF)
--- | --- | ---
Fluorescent 13W PLC 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)
--- | ---
Fluorescent PLL 36W lamp | 2G11
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 all eletramagnetic ballasts, while the 4-pin lamps work with high frequency ballasts. 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.

Get your TCO in downlights!
CorePro LED PLC & PLL 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.

Fluorescent PLC 26W 2P
- Longer lifetime: 10,000 Hrs > 30,000 Hrs
- Energy savings: 69% 26W > 8.5W

CorePro LED PLC 8.5W 840 2P
- Savings / year: 721 €
- Payback period: 12.5 months
- 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)

To find out how you could cut down your downlighting costs with LED, go to www.philips.com/plcsavingscalculator
# Product specifications

## CorePro LED PLC

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<tr>
<th>Product type</th>
<th>LED</th>
<th>Rotatable end cap</th>
<th>Lumen output</th>
<th>Operation</th>
<th>Beam angle</th>
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