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.
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

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**Existing downlights** | **CorePro LED PLC 2-pin lamp range (EM)** | **CorePro LED PLC 4-pin lamp range (HF)**
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18W lamps | G24q-2 | G24q-2
26W lamps | G24d-3 | G24q-3
### 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.

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**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.

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<table>
<thead>
<tr>
<th>Fluorescent PLC</th>
<th>CorePro LED PLC</th>
</tr>
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<tbody>
<tr>
<td><strong>Lifetime</strong></td>
<td>10,000 Hrs</td>
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<tr>
<td><strong>Energy savings</strong></td>
<td>69%</td>
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<tr>
<td><strong>Watts</strong></td>
<td>26W</td>
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</table>

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

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

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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

<table>
<thead>
<tr>
<th>Product description</th>
<th>Length (mm)</th>
<th>System</th>
<th>Color temp (K)</th>
<th>Lumen output (lm)</th>
<th>Operation</th>
<th>CRI</th>
<th>12NC</th>
<th>EOC</th>
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<tbody>
<tr>
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<td>600</td>
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<td>3400</td>
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<td>950</td>
<td>EM</td>
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## CorePro LED PLC 6.5 & 9W 4-pin range

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<th>System</th>
<th>Color temp (K)</th>
<th>Lumen output (lm)</th>
<th>Operation</th>
<th>CRI</th>
<th>12NC</th>
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