The new generation of energy-saving LED PLL tube lighting

CorePro LED PLL

Philips CorePro LED PLL is the ideal uplamping solution for downlights & luminaires in a wide range of general lighting applications. It integrates 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.

Benefits
- Reduced operational cost thanks to a lower energy consumption than conventional PLL lamps, as well as lower maintenance cost thanks to a 2-3 times longer lifetime than conventional lamps
- Simple lamp-for-lamp replacement, re-using the existing fixture without major modifications, using a similar PLL form-factor
- Fastest and easiest way to upgrade existing luminaires to LED technology

Features
- High quality of light, no flickering nor stroboscoping effect
- Instant 100% light
- Choice of 3000 K, 4000 K & 6500 K

Application
- Hospitality
- Retail
- Office (stairways, corridors)
- Industrial areas
CorePro LED PLL

Versions

LEDtube 2G11

Dimensional drawing

<table>
<thead>
<tr>
<th>Product</th>
<th>D1</th>
<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
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<tbody>
<tr>
<td>CorePro LED PLL HF 16.5W 830 4P 2G11</td>
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CorePro LED PLL

Approval and Application
Energy Efficiency Label (EEL) A+

Controls and Dimming
Dimmable No

Operating and Electrical
Voltage (Nom) 53-77 V
Starting Time (Nom) 0.5 s

General Information
Cap-Base 2G11
Nominal Lifetime (Nom) 30000 h
Switching Cycle 50000X

Light Technical
Beam Angle (Nom) 160 °
Color Rendering Index (Nom) 83
Lumf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing
Bulb Shape Tube, single-ended

Temperature
T-Ambient (Max) 45 °C
T-Ambient (Min) -20 °C
T-Case Maximum (Nom) 70 °C
T-Storage (Min) -40 °C

Order Code
Full Product Name
Energy Consumption kWh/1000 h
929001381502 CorePro LED PLL HF 16.5W 830 4P 2G11 20 kWh
929001381602 CorePro LED PLL HF 16.5W 840 4P 2G11 20 kWh
929001381702 CorePro LED PLL HF 16.5W 865 4P 2G11 20 kWh
929001920402 CorePro LED PLL HF 24W 830 4P 2G11 29 kWh
929001920502 CorePro LED PLL HF 24W 840 4P 2G11 29 kWh
929001920602 CorePro LED PLL HF 24W 865 4P 2G11 29 kWh

Operating and Electrical
Order Code
Full Product Name
Input Frequency (Nom)
Power (Rated)
929001381502 CorePro LED PLL HF 16.5W 830 4P 2G11 39000-71000 Hz 16.5 W
929001381602 CorePro LED PLL HF 16.5W 840 4P 2G11 39000-71000 Hz 16.5 W
929001381702 CorePro LED PLL HF 16.5W 865 4P 2G11 39000-71000 Hz 16.5 W
929001920402 CorePro LED PLL HF 24W 830 4P 2G11 20000-70000 Hz 24 W
929001920502 CorePro LED PLL HF 24W 840 4P 2G11 20000-70000 Hz 24 W
929001920602 CorePro LED PLL HF 24W 865 4P 2G11 20000-70000 Hz 24 W

Light Technical
Order Code
Full Product Name
Correlated Color Temperature (Nom) Luminous Flux (Nom)
929001381502 CorePro LED PLL HF 16.5W 830 4P 2G11 830 3000 K 2000 lm
929001381602 CorePro LED PLL HF 16.5W 840 4P 2G11 840 4000 K 2100 lm
929001381702 CorePro LED PLL HF 16.5W 865 4P 2G11 865 6500 K 2100 lm
929001920402 CorePro LED PLL HF 24W 830 4P 2G11 830 3000 K 3200 lm
929001920502 CorePro LED PLL HF 24W 840 4P 2G11 840 4000 K 3400 lm
929001920602 CorePro LED PLL HF 24W 865 4P 2G11 865 6500 K 3400 lm
### CorePro LED PLL

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### Temperature

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www.lighting.philips.com
2020, March 27 - data subject to change