Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact fluorescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

### Product data

**General Information**
- **Base**: GX24q
- **EU RoHS compliant**: Yes
- **Main Application**: Industrial
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X
- **Technical Type**: 12-32W

**Light Technical**
- **Color Code**: 841 (CCT of 4100K (841))
- **Beam Angle (Nom)**: 120 °
- **Initial lumen (Nom)**: 1500 lm
- **Luminous Flux (Rated) (Nom)**: 1500 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 125.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

**Operating and Electrical**
- **Input Frequency**: 20000-100000 Hz
- **Power (Rated) (Nom)**: 12 W
- **Lamp Current (Max)**: 500 mA
- **Lamp Current (Min)**: 150 mA
- **Starting Time (Nom)**: 0.5 s
- **Warm Up Time to 60% Light (Nom)**: 0.5 s
- **UL Type**: Type A - works on ballast
- **Power Factor (Nom)**: 0.9
- **Voltage (Nom)**: 25-55 V

**Temperature**
- **T-Ambient (Max)**: 45 °C
- **T-Ambient (Min)**: -20 °C
- **T-Storage (Max)**: 65 °C
- **T-Storage (Min)**: -40 °C
- **T-Case Maximum (Nom)**: 25 °C

**Controls and Dimming**
- **Dimmable**: Yes

**Mechanical and Housing**
- **Bulb Finish**: Frosted
- **Bulb Material**: Plastic
PL-C/T

Product Length 100 mm

Approval and Application
Energy Efficiency Label (EEL) Not applicable
Energy Saving Product Yes
Approbation Marks RoHS compliance UL certificate KEMA Keur certificate DLC compliance
Energy Consumption kWh/1000 h - kWh
Energy Certifications DLC Standard

Product Data
Order product name 12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1

Dimensional drawing

PLED 120V 12-32W 1500lm 4000K G24/Gx24

Photometric data

LEDtube PLC/T 12W G24Q 840 32V DIM

LEDtube PLC/T 12W G24Q 840 32V DIM
Photometric data

Lifetime

Lumen in %

Failure rate in %

Datasheet, 2020, June 18
Lifetime

![Lifetime Graph]

LEDtube PLC/T 12W G24Q 827-840 32V DIM

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2020, June 18 - data subject to change