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**: 830 [ CCT of 3000K]
- **Beam Angle (Nom)**: 120 °
- **Initial lumen (Nom)**: 1400 lm
- **Luminous Flux (Rated) (Nom)**: 1400 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 116.00 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

Datasheet, 2021, April 15 data subject to change
PL-C/T

Product Length 4 in

**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 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

**Dimensional drawing**

![Dimensional drawing](attachment:image.png)

PLED 120V 12-32W 1400lm 3000K G24/Gx24

**Photometric data**

![Photometric data](attachment:image.png)

LEDtube PLC 400mm 16-5W 2G11 830 2000lm

LEDtube PLC/T 12W G24Q 830 32V DIM
Photometric data

![Photometric data graph]

LEDtube PLC/T 12W G24Q 827 32V DIM

Lifetime

![Lifetime graph]

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

Failure rate in %

![Failure rate graph]

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

Lumen in %

![Lumen graph]

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

Datasheet, 2021, April 15

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