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

Datasheet, 2020, June 18
Philips Lighting B.V.

**Product Data**

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

**Dimensional drawing**

**Photometric data**

LEDtube PLC/T 12W G24Q 840 32V DIM

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

![Photometric data graph](image)

**LEDtube PLC/T 12W G24Q 827 32V DIM**

**Lifetime**

![Lifetime graph](image)

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

**Failure rate in %**

![Failure rate graph](image)

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

**Lumen in %**

![Lumen graph](image)

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