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**

**Photometric data**

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

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

LEDtube PLC/T 12W G24Q 827 32V DIM

Lifetime

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

Failure rate in %

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

Lumen in %

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

Datasheet, 2020, June 18

Data subject to change
Lifetime

Lumen (%) vs. Tc(°C)

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

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2020, June 18 - data subject to change