


# LED InstantFit Lamps

## 12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1

Philips LED InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

| General Information | |
|---|---|
| Cap-Base | G24Q/GX24Q [ G24q/GX24q] |
| Nominal Lifetime (Nom) | 50000 h |
| Switching Cycle | 50000X |
| B50L70 | 50000 h |

| Light Technical | |
|---|---|
| Color Code | 835 [ CCT of 3500K] |
| Initial lumen (Nom) | 1450 lm |
| Luminous Flux (Rated) (Nom) | 1450 lm |
| Correlated Color Temperature (Nom) | 3500 K |
| 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 |
| 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 |

| Controls and Dimming | |
|---|---|
| Dimmable | Yes |

| Mechanical and Housing | |
|---|---|
| Product Length | 100 mm |

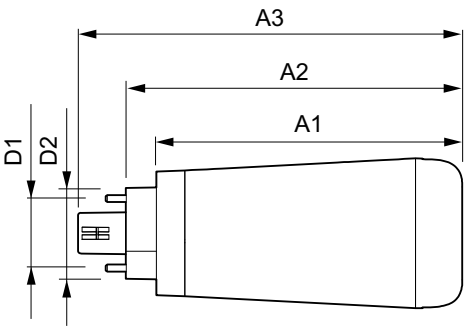
| Approval and Application | |
|---|---|
| Energy Saving Product | Yes |
| Approbation Marks | CE marking UL certificate RoHS compliance KEMA Keur certificate |

| Product Data | |
|---|---|
| Order product name | 12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1 |
| EAN/UPC - Product | 046677476120 |
| Order code | 476127 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001820304 |
| Net Weight (Piece) | 0.082 kg |

## Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

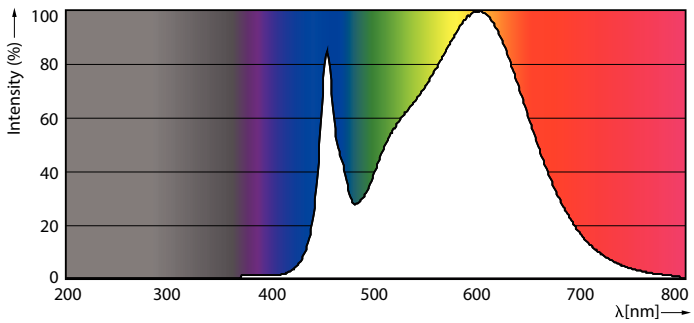
## Dimensional drawing

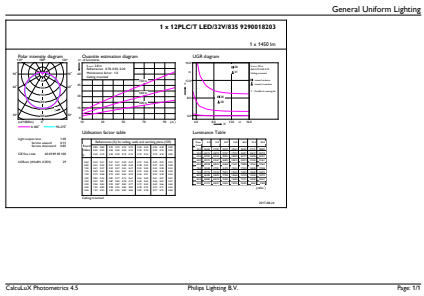



| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| 12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1 | 24.3 mm | 29 mm | 99.9 mm | 109.9 mm | 125.5 mm |

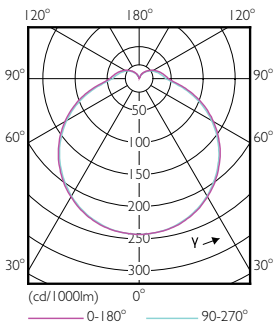
**PLED 120V 12-32W 1450lm 3500K G24/Gx24**

## Photometric data



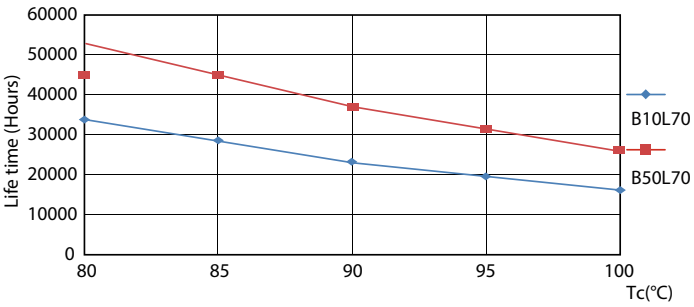




**LEDtube 8-15W G13 835 160D IF 6U EasySmart**

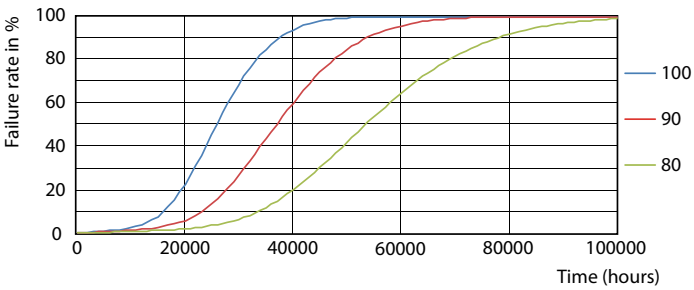



**LEDtube PLC/T 12W G24Q 827 32V DIM**

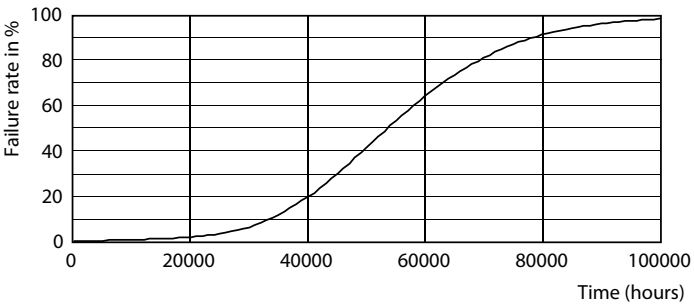
## Lifetime



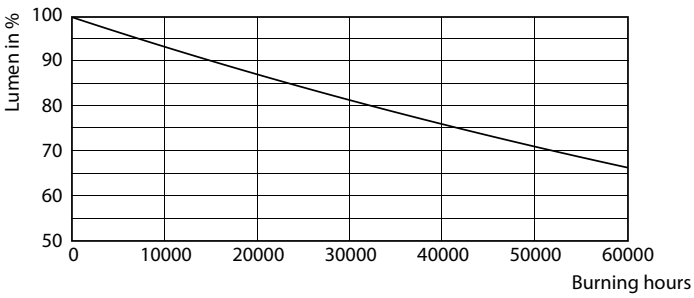

**LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM**



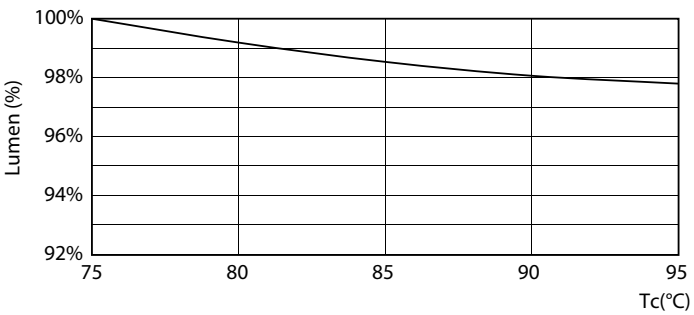

**LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM**




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www.lighting.philips.com
2018, April 3 - data subject to change