

# PHILIPS

LEDtube Type A T8

LED

1200mm

4000K

G13

046677542696



## Simple T12 LED replacement for fluorescent tubes

Philips InstantFit LED tubes easily replace fluorescent T12 tubes operated on rapid-start magnetic ballasts, no rewiring needed. This glass LED linear bulb looks and feels like fluorescent and has a cool white light and long lifetime.

### High quality light

- Cool, white light

### Choose for a sustainable solution

- You can trust what the Philips packaging is saying.

### Light beyond illumination

- Instant on

# Highlights

## Cool, white light



This bulb has a color temperature of 4000K providing you with an extra cool, fresh and crisp light.

## Instant on

## No UV or IR

The beam of light is free of infra-red meaning no heat is radiated, and no ultra-violet light means that fabric and items under this light won't fade.

# Specifications

## Bulb characteristics

- Intended use: Indoor
- Lamp shape: T8
- Socket: G13
- Bulb Finish: Frosted
- Dimmable: No
- Bulb Material: Glass

## Durability

- Number of switch cycles: 50,000
- Nominal lifetime: 36,000

## Environmental

- Disposal of the product: At the end of (economic) life, dispose the product according to local rules and do not dispose the product with regular household waste. The correct disposal of your product will help prevent potential negative consequences for the environment and human health.

## Extra feature/accessory incl.

- LED integrated: Yes

## Light characteristics

- Beam angle: 240
- Color rendering index (CRI): 80
- Color temperature: 4000 K
- Nominal luminous flux: 1800 lm
- Warm-up time to 60% light: 0.5
- Luminous Efficacy (rated) (Nom): 112

## Miscellaneous

- EyeComfort: Yes
- LED Innovations: EyeComfort

## Packaging information

- EAN: 046677542696
- EOC: 542696
- Product title: 16T12/LED/48-840/UF18/G 5/2 FB

## Power consumption

- Power factor: >0.9
- Voltage: 40-330 V
- Wattage equivalent: 40
- Power: 16

## Product dimensions and weight

- Overall height: 1,212.3 mm
- Overall length: 1,212.3 mm
- Overall width: 27.8 mm

## Technical specifications

- Frequency: 50-120K
- Bulb technology: LED

## The bulb

- Software upgradable: No

## What's supported

- Compatible with Effects: No
- Defined support period: Not applicable
- Compatible operating systems: Not applicable
- Communication protocol: Not applicable
- Compatibility with 3rd party systems: Not applicable

**Packaging dimensions and weight**

- EAN/UPC - product: 046677542696
- Net weight: 0.68 kg
- Gross weight: 0.85 kg
- Height: 122.5 cm
- Length: 6.1 cm
- Width: 3.1 cm



Issue date: 2026-05-13  
Version: 0.282

© 2026 Signify Holding. All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

[www.lighting.philips.com](http://www.lighting.philips.com)