



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 daylight effect and long lifetime.

High quality light

· Natural day light

Choose for a sustainable solution

· You can trust what the Philips packaging is saying.

Light beyond illumination

· Instant on

Highlights

Natural day light



This bulb has a color temperature of 5000K, creating a lighting effect that is very close to that of natural daylight. Natural daylight helps with focus and making details easier to see.

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 $\phi_{\overline{1}}$ t fade.

Instant on

Specifications

Bulb characteristics

Intended use: IndoorLamp shape: T8

Socket: G13Dimmable: No

Bulb Finish: FrostedBulb Material: Glass

Durability

Number of switch cycles: 50,000Nominal 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.

Light characteristics

· Beam angle: 240 degree(s)

· Color rendering index (CRI): 80

· Color temperature: 5000 K

· Nominal luminous flux: 1800 lm

· Warm-up time to 60% light: 0.5

 Luminous Efficacy (rated) (Nom): 112 lm/W

Miscellaneous

EyeComfort: Yes

· LED Innovations: EyeComfort

Packaging information

• EAN: 046677542702

• EOC: 542704

 Product title: 16T12/LED/48-850/ UF18/G 5/2 FB

Power consumption

• Power factor: >0.9

· Voltage: 40-330 V

• Wattage equivalent: 40 W

• Power Consumption: 16 W

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

Packaging dimensions and weight

• EAN/UPC - product: 046677542702

Net weight: 0.68 kgGross weight: 0.85 kgHeight: 122.5 cm

Length: 6.1 cmWidth: 3.1 cm



Issue date: 2025-08-30 Version: 0.281 © 2025 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