

# PHILIPS

Linear tube

LED

16-25-28-30-32W

G13

Daylight

046677544492



## Simple T8 LED replacement for fluorescent tubes

Philips InstantFit LED tubes easily replace fluorescent T8 tubes operated on instant-start electronic 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't fade.

## Instant on

# Specifications

## Characteristics

- Dimmable: No
- Intended use: Indoor
- Lamp shape: Tube, double-ended
- Socket: G13
- Technology: LED

## Bulb dimensions

- Height: 121.23 cm
- Weight: 0.22 kg
- Width: 2.78 cm

## Durability

- Average life (at 2.7 hrs/day): 37 year(s)
- Lumen maintenance factor: 70%
- Nominal lifetime: 36,000 hour(s)
- Number of switch cycles: 50,000

## Light characteristics

- Color consistency: 6 SDCM
- Color rendering index (CRI): 80
- Color temperature: 5000 K
- Light Color Category: Daylight
- Nominal luminous flux: 1800 lumen
- Starting time: <0.5 s
- Warm-up time to 60% light: Instant full light

## Miscellaneous

- EyeComfort: Yes

## Other characteristics

- Lamp current: 110-330 mA
- Efficacy: 112 lm/W

## Packaging information

- EAN: 046677544492
- Product title: 16T8/LED/48-850/IF18/G 1/10

## Power consumption

- Power factor: >0.9
- Voltage: 120-277, 347 V
- Wattage: 16 W
- Wattage equivalent: 25-28-30-32 W

## Product dimensions & weight

- Length: 121.23 cm

## Rated values

- Rated beam angle: 240 degree(s)
- Rated lifetime: 36,000 hour(s)
- Rated luminous flux: 1800 lumen
- Rated power: 16 W

## Technical specifications

- Frequency: 20-120 Hz

## Packaging dimensions and weight

- EAN/UPC - product: 046677544492
- Net weight: 2.150 kg
- Gross weight: 3.033 kg
- Height: 8.400 cm
- Length: 125.200 cm
- Width: 17.400 cm
- Material number (12NC): 929001960735



Issue date: 2021-06-03  
Version: 0.262

© 2021 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)