

# PHILIPS

## LEDtube EM T8

LED

1200mm

6500K

G13

8718696599983



# Durable LED task lighting with excellent light quality

Upgrading to Philips LED tubes is a fast and easy way to replace your old fluorescent tubes with modern and efficient LED technology. This Philips LED tube is perfect for the places that need a lot of light.

### Choose for a sustainable solution

- Enjoy the energy-savings of LEDs without sacrificing light quality. Instantly save over 50% in energy by replacing your existing fluorescent tubes (banned by EU regulation since 2023).

### High quality LED light that lasts for decades

- With a lifetime of 15,000 hours, you can reduce the hassle of frequently replacing your light sources and enjoy a perfect lighting solution for over 15 years.

### Choose a simple replacement for your old fluorescents

- The perfect replacement for linear fluorescent tubes that fits straight into existing luminaires. Simply plug and play without any hassle for rewiring.

# Highlights

**Saves over 50% energy compared to  
fluorescents**

**Long lasting for 15,000 hours  
Fast and easy to install**

# Specifications

## General

- Suitable For Accent Lighting: No

## 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: 15,000
- Ambient temperature range: -20 °C to 45 °C

## 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): 70
- Color temperature: 6500 K
- Nominal luminous flux: 1600 lm
- Warm-up time to 60% light: 0.5 s
- Correlated Color Temperature (Nom): 6500 K
- Luminous Flux: 1,600 lm
- Luminous Efficacy (rated) (Nom): 100.00

## Miscellaneous

- EyeComfort: Yes
- Approval Marks: RoHS compliance, KEMA Keur certificate
- LED Innovations: EyeComfort

## Other characteristics

- EU RoHS compliant: Yes

## Packaging information

- EAN: 8718696599983
- EOC: 871869659998300
- Product title: LEDtube 1200mm 16W 765 T8 AP I G

## Power

- Power Factor (Fraction): 0.5

## Power consumption

- Power factor: 0.5
- Voltage: AC 220-240 V
- Wattage equivalent: 36 W
- Power: 16 W
- Energy Consumption kWh/1000 h: 16

## Product dimensions and weight

- Overall height: 1,214 mm
- Overall length: 1,214 mm
- Overall width: 28 mm

## Technical specifications

- Frequency: 50-60
- Diameter: 27.8 mm
- Dimmable: No
- Line Frequency: 50 to 60
- Cap-Base: G13
- Ballast Compatibility: EM

## Packaging dimensions and weight

- EAN/UPC - product: 8718696599983
- Net weight: 0.17 kg
- Gross weight: 0.24 kg
- Height: 2.9 cm
- Length: 121.4 cm
- Width: 2.9 cm



Issue date: 2026-02-25  
Version: 0.97

© 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)