

PHILIPS

LEDtube EM T8

Ultra Efficient

13.5W-36W

G13 ROT

Cool White



8720169204966



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 places that require a lot of light.

High-quality light

- Designed for the comfort of your eyes

Choose for a sustainable solution

- Enjoy the energy saving of LEDs without sacrificing light quality. Instantly save over 70% 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 50,000 hours, you can reduce the hassle of frequently replacing your light sources and enjoy a perfect lighting solution for over 50 years.

Choose a simple replacement for your old fluorescents

- Designed to operate on electro-magnetic ballasts.

Highlights

Designed for the comfort of your eyes



It's easy to see how harsh lighting can strain the eyes. Too bright, and you get glare. Too soft and you experience flicker. Now you can gently light up your world with LEDs designed to go easy on the eyes, and create the perfect ambience for your home.

Saves over 70% energy compared to fluorescents

Long-lasting for 50,000 hours

Compatible with electro-magnetic ballast

Specifications

Bulb characteristics

- Intended use: Indoor
- Lamp shape: T8
- Socket: G13 ROT
- Lamp Finish: Frosted
- Dimmable: No
- Bulb material: Plastic

Durability

- Number of switch cycles: 200,000
- Nominal lifetime: 50,000

Environmental

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

Extra feature/accessory incl.

- LED integrated: Yes

Light characteristics

- Beam angle: 160
- Colour rendering index (CRI): 80
- Colour temperature: 4000 K
- Nominal luminous flux: 2500 lm
- Warm-up time to 60% light: 0.5
- Colour Code: 840 | CCT of 4000K
- Luminous efficacy (rated) (nom.): 185

Miscellaneous

- Approval marks: CE marking, ENEC certificate, KEMA Keur certificate, RoHS compliance
- LED innovations: UltraEfficient

Packaging information

- EAN: 8720169204966
- EOC: 872016920496600
- Product title: LED T8 1200mm 13.5W G13 CW EELB 1CT/4

Power consumption

- Power factor: 0.9
- Voltage: 220-240 V
- Power: 13.5
- Energy consumption kWh/1,000 hours: 14

Product dimensions and weight

- Overall height: 1,213 mm
- Overall length: 1,213 mm
- Overall width: 28 mm

Service

- Warranty: 5 year(s)

Technical specifications

- Frequency: 50-60
- Bulb technology: LED
- Ballast Compatibility: EM

Packaging dimensions and weight

- EAN/UPC - product: 8720169204966
- Net weight: 0.22 kg
- Gross weight: 0.27 kg
- Height: 127.7 cm
- Length: 3.1 cm
- Width: 3.1 cm



Issue date: 2026-03-21
Version: 0.465

© 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