

PHILIPS

LEDtube Type A T8

LED

1200mm

3000/3500/4000/5000/6500
K

G13

046677591700



Bright LED 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. Select desired color temperature via switch before installing the LED tube.

Choose for a sustainable solution

- Long life bulb - Lasts up to 36 years

Choose a simple replacement for your old fluorescents

- Designed and tested to work with a wide range of electronic ballasts in the field.

Realize color selection to match the desired atmosphere

- Choose the preferred color from multi-CCT LED tube

Highlights

36,000 -hour rated average life

Compatible with electronic ballast

multi-CCT LED tube

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: 3000-3500-4000-5000-6500 K
- Nominal luminous flux: 1800 lm
- Luminous Efficacy (rated) (Nom): 112

Miscellaneous

- EyeComfort: Yes
- LED Innovations: EyeComfort

Packaging information

- EAN: 046677591700
- EOC: 591701
- Product title: 16T8/LED/48-5CCT/IF18/G 5/2 FB

Power consumption

- Power factor: 0.9
- Voltage: AC 120-277V, 347 V
- Wattage equivalent: 32
- Power: 16

Product dimensions and weight

- Overall height: 47-3/4 inch
- Overall length: 47-3/4 inch
- Overall width: 1-1/8 inch

Technical specifications

- Frequency: VA5445898
- Bulb technology: LED
- Ballast Compatibility: Type A
- can it be used in closed luminaires: Yes

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: 046677591700
- Net weight: 0.46 kg
- Gross weight: 0.63 kg
- Height: 3.1 cm
- Length: 122.5 cm
- Width: 6.1 cm



Issue date: 2026-05-14
Version: 0.81

© 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