

# PHILIPS

Linear tube

LED

16-25-28-30-32W

G13

Cool White

046677544485



## LED tube that works directly from your power line

Eliminate ballast maintenance with Philips MainsFit LED tubes. This T8 tube is designed to replace T8 and T12 tubes on shunted and non-shunted sockets, looks and feels like fluorescent, and has a daylight effect with long lifetime.

### High quality light

- Natural day light

### Choose a simple replacement for your old bulbs

- Perfect replacement T8 linear fluorescent application

### Choose for a sustainable solution

- You can trust what the Philips packaging is saying.

# 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.

## Similar to linear fluorescents

The perfect quick and easy replacement for T8 linear fluorescent tubes. It fits directly into standard T8 linear fluorescent G13 sockets.

# Specifications

## Bulb 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: 4000 K
- Light Color Category: Cool White
- 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: 046677544485
- Product title: 16T8/LED/48-840/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

**Bulb characteristics**

- EAN/UPC - product: 046677544485
- Rated beam angle: 240 degree(s)
- Height: 121.23 cm
- Average life (at 2.7 hrs/day): 37 year(s)
- Lamp current: 110-330 mA
- Net weight: 2.150 kg
- Rated lifetime: 36,000 hour(s)
- Intended use: Indoor
- Weight: 0.22 kg
- Lumen maintenance factor: 70%
- Color consistency: 6 SDCM
- Gross weight: 3.033 kg
- EAN: 046677544485
- Rated luminous flux: 1800 lumen
- Lamp shape: Tube, double-ended
- Width: 2.78 cm
- Color rendering index (CRI): 80
- Height: 8.400 cm
- Socket: G13
- Number of switch cycles: 50,000
- Color temperature: 4000 K
- EyeComfort: Yes
- Length: 125.200 cm
- Product title: 16T8/LED/48-840/IF18/G 1/10
- Power factor: >0.9
- Rated power: 16 W
- Technology: LED
- Light Color Category: Cool White
- Width: 17.400 cm
- Voltage: 120-277, 347 V
- Nominal luminous flux: 1800 lumen
- Material number (12NC): 929001960635
- Wattage: 16 W
- Length: 121.23 cm
- Starting time: <0.5 s
- Wattage equivalent: 25-28-30-32 W
- Warm-up time to 60% light: Instant full light
- Frequency: 20-120 Hz



Issue date: 2022-06-12  
Version: 0.271

© 2022 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)