



Philips LED
Tube

16.5W (32W)

Bi-Pin Base
Cool White
Non-dimmable

046677454241

Easily upgrade to LED from linear fluorescent

No fixture modifications needed, simply plug it in

Philips 12W InstantFit 4 ft. linear LED T8 light bulb provides light similar to daylight. An energy saving alternative to a 32W* fluorescent, it has no mercury, and can last up to 50,000 hours**.

Easy to use

- Plug and play
- Proven Compatibility
- Instant On

Energy efficient

- Reduces energy costs

Long Life

- Lasts 50,000 hours**

Sustainability

- Contains no mercury

Comfortable LED light that is easy on your eyes

- Designed for the comfort of your eyes

PHILIPS

Tube
16.5W (32W) Bi-Pin Base, Cool White, Non-dimmable

046677454241

Highlights

Contains no mercury

Rugged and durable glass-free alternative that contains no mercury

Instant On



Just by turning the switch, the light is at full brightness. No slow starting or waiting.

Lasts 50,000 hours**



Long life reduces the hassle of replacing bulbs often.

Plug and play

Simple and quick do-it-yourself project with no wiring required and no need to replace your existing ballast.***

Proven Compatibility



Features a unique, patented driver tested to ensure ballast compatibility.

Reduces energy costs

This bulb saves up to 48%*** in energy costs over the life of the bulb when you replace a 32W fluorescent bulb with this 16.5W LED U-Bent light bulb.

Gentle LEDs, easy on the eyes



It's easy to see how harsh lighting can strain the eyes. Too bright, and you get the 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.

Specifications

Bulb characteristics

- Shape: Tube
- Voltage: 120 V
- Dimmable: No
- Base: Bi-Pin
- Shape Code: T8
- Indoor/Outdoor: Indoor
- Wattage: 16.5 W
- Wattage equivalent: 32 W

Power consumption

- Power consumption per 1000h: 0.0165 kW h
- Energy Star Certified
- Light output [lumen value]: 2100

Light characteristics

- Beam angle: 160 degree
- Color: cool white
- Color temperature: 4000 K
- Light effect/finish: Cool White
- Color rendering index (CRI): 82
- Starting time: 0.2 s

Durability

- Lifetime of lamp: 50000 hour(s)
- Average life (at 2.7 hrs/day): 45.7 year(s)

Bulb dimensions

- Height: 1.1 inch
- Number of switch cycles: 50000
- Width: 24.0 inch



Issue date 2018-10-02

Version: 5.0.1

12 NC: 8670 001 29145

© 2018 Philips Lighting Holding B.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Philips Lighting Holding B.V. or their respective owners.

www.philips.com

* ***Saves 48% in energy costs when comparing this 16.5 Watt, 2100 lumens, 50,000 hour life LED T8 U-Bent at a ballast factor of 0.88 to a 32 Watt, 2800 lumens, 30,000 hour 800 series long life fluorescent T8 U-Bent at a ballast factor of 1.0 over the same period.

***Compatible with Instant Start ballasts only. Please visit www.philips.com/instantfit for most current compatibility listing.

* *In troffer applications, this 16.5 Watt, 2100 lumens, 4000K LED T8 U-Bent provides equivalent foot candles (useful light) as a 32 Watt, 2800 lumens, 4000K, fluorescent T8 U-Bent. Actual light output may vary due to fixture and/or application.

* Designed for the comfort of your eyes. Visit www.philips.com/eyecomfort for flicker, strobe and other criteria and product details.