

# Philips MASTER T8 LED tube, 22W

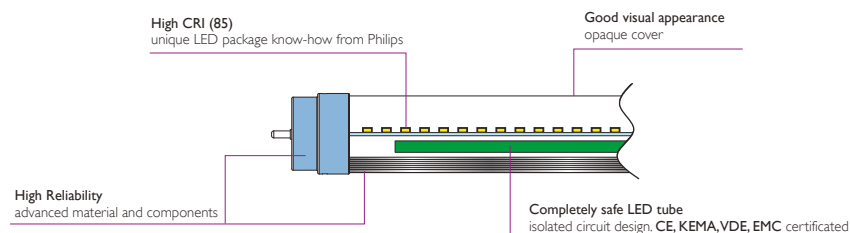
## T8 fluoro-replacement tube

Advanced LED technology for exceptional performance.  
 22W LED 1200mm tube comparable to conventional 36W fluoro.  
 Direct retrofit into standard T8 fittings.



**3 year warranty**

Outstanding quality from  
**PHILIPS**



3 times longer life for up to 9 years operation in standard 12 hours per day application.



Tube	System Power*
36W	44W
30W	36W
18W	22W

System Power
22W
17W
11W

\* With electromagnetic ballast.

### Advanced alternative to the classic T8 linear fluorescent lamp

- 600mm, 900mm 1200mm 1500mm sizes available.
- Excellent light quality. Instant on, no flicker.

### Simple retro-fit in existing T8 fittings

- Compatible with standard fittings – Click, Twist and Go installation.
- Simply replace starter with fuse supplied.
- By-pass ballast for full energy saving.

### Energy-saving LED technology – save up to 50%

- 22W 1200mm LED tube can save up to 50% system energy when replacing 36W T8 fluorescent tube with electromagnetic or electronic ballast.

### Quality tube lives 3 times longer for lower maintenance costs

- Saves on replacement and maintenance costs due to its longer life and brighter average light output throughout its life.
- Effective life of 30,000 hours plus (as defined by the average tube maintaining at least 70% of initial light output at 30,000 hours of operation).

### 3 years warranty period

- Philips proud quality history is backed by a 3 year warranty.

### Safe installation

- Philips MASTER LEDtubes are supplied with a EMP050 fuse for system safety. (Place into starter socket, as starter not required.)
- Certification: CE, KEMA, WEEE, EMC, AS/NZS RoHs compliant
- No mercury, no lead, no glass, no UV, no IR.

### Natural light colors

- Two colour temperatures to choose from 4000k (840) and 6500K (865).



Lampholder	IEC compliant G13 bi-pin for direct retrofit
Sizes available	600mm, 900mm and 1200mm.
Voltage	100-240V mains voltage with integrated driver
Ballast	Not required for LED: - bypass ballast for optimum energy saving
Colour temperature	4000k (840) and 6500K (865)
Light output	1650lm for 1200mm tube
Life span	30,000 hrs+ (L70,B50) - average tube still maintains 70% of light output
Certification	CE, KEMA, WEEE, EMC, AS/NZS RoHs compliant
Operating temperature	Between -20°C and + 45°C ambient
Environment	Rated IP20 for indoor use only or in IP rated fixtures
Usage	Not for use with emergency or exit lights

### Applications:

Designed for new or retrofit installations.

- Commercial and industrial applications, offices, factories, warehouses, cold stores.
- Retail stores and supermarkets.
- Parking and railway stations.
- Educational facilities and hospitals.