



**The perfect replacement lamp for customers looking for a simple solution to change either T8 lamps used in electronic ballasts or T12 lamps used in magnetic ballasts.**

### **UniversalFit (UL Type-A) T8**

The Philips UniversalFit (UL Type-A) T8 lamps are designed to operate on both electronic T8 ballasts as well as magnetic T12 ballasts. The UniversalFit is a simple plug and play installation with no need to change the ballast. Compared to the less efficient T12 lamps, the UniversalFit lamps can save up to 50% in energy costs while providing longer life (36,000 hours). These lamps also meet the Philips standards for light quality so that end users will be in comfortable environments while benefiting from lower energy usage.

# UniversalFit (UL Type-A) T8

## Benefits

- Proven over 40% energy savings compared to traditional fluorescent lighting
- Lifetime delivered: Average life rating of 36,000 hours
- Minimal color shift and stable flux output throughout lifetime

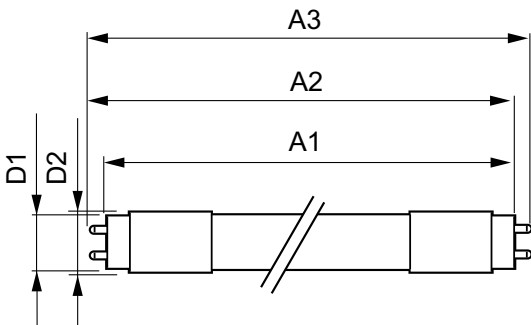
## Features

- One lamp to replace both T8 and T12 lamps
- UniversalFit LED tubes exceed UL pin leakage requirements
- Available in 4' T8 glass option in either 4000K or 5000K color temperature

## Application

- Warehouses
- Offices
- Schools

## Dimensional drawing



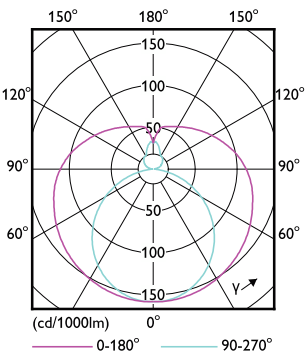
Product	D1	D2	A1	A2	A3
16T8/LED/48-840/UF18/G 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
16T8/LED/48-850/UF18/G 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

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General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	36,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	1,800 lm
Operating and Electrical	
Input Frequency	50-120000 Hz
Line Frequency	50-120000 Hz
Power Consumption	16 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	32 W
Temperature	
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code
929001965904	16T8/LED/48-840/UF18/G 10/1	4000 K	840
929001966004	16T8/LED/48-850/UF18/G 10/1	5000 K	850



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