



Philips 1 5/8" T8 U-Bent
Lamps featuring ALTO®
Lamp Technology

*Ideal for "2 x 2" fixtures in
any retail, office, school or
hospital setting*

T8 U-Bent



† This lamp is better for the environment because of its reduced mercury content. All Philips ALTO® lamps give you end-of-life options which can simplify and reduce your lamp disposal costs depending on your state and local regulations.

* Fluorescent lamps that are TCLP compliant reduce the amount of pollutants released into the environment.

Flexible and environmentally sustainable lamps

Philips 1 5/8" T8 U-Bent Lamps are a perfect fit for "2 x 2" fixtures in any retail, office, school or hospital setting.

Sustainable lighting solution

- TCLP compliant* with only 3 mg of mercury per lamp—the lowest mercury content in a T8 U-Bent lamp in the industry

Excellent color rendering of 85 CRI

Broad range of color temperatures

- Available in various color temperatures: 3000K, 3500K and 4100K

Outstanding lumen performance

- 95% lumen maintenance

Long life

- 30,000 hours rated average life at 12 hours per start**

Philips 1 5/8" U-Bent T8 warranty period: 24 months

** When operated on an Instant Start Ballast

PHILIPS

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Ordering, Electrical and Technical Data (Subject to change without notice)

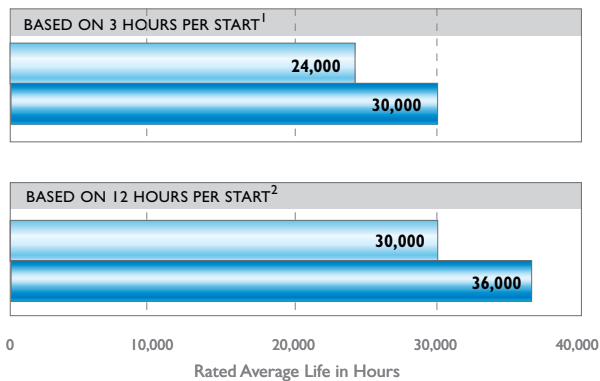
Product Number	Ordering Code	Nom. Watts	Pack. Qty.	Color Temp. (Kelvin)	Leg Spacing	Nom. Length (In.)	Rated Average Life (hrs.)		Approx. Initial Lumens ³	Design Lumens ⁴	CRI	Lumen Maint.
							3-hr on Ins. Start ¹	12-hr on Ins. Start ²				
22675-3	FB29T8/TL830/EA/ALTO	29	15	3000K	1 5/8"	22 3/4	24,000	30,000	2600	2470	85	95%
22676-1	FB29T8/TL835/EA/ALTO	29	15	3500K	1 5/8"	22 3/4	24,000	30,000	2600	2470	85	95%
22677-9	FB29T8/TL841/EA/ALTO	29	15	4100K	1 5/8"	22 3/4	24,000	30,000	2600	2470	85	95%
22671-2	FB31T8/TL830/ALTO	31	15	3000K	1 5/8"	22 3/4	24,000	30,000	2775	2636	85	95%
22672-0	FB31T8/TL835/ALTO	31	15	3500K	1 5/8"	22 3/4	24,000	30,000	2775	2636	85	95%
22674-6	FB31T8/TL841/ALTO	31	15	4100K	1 5/8"	22 3/4	24,000	30,000	2775	2636	85	95%

- 1) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.
- 2) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 12 operating hours. Lamp life is appreciably longer if lamps are started less frequently.
- 3) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions.
- 4) Design lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.

Rated Average Life

Philips 1 5/8" T8 U-Bent Lamps

Instant Start Ballast Programmed Start Ballast



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