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## Linear LED T8 Lamp

Direct Replacement LED T8: snap in, turn on!

Howard's Direct Replacement LED T8 lamp does not require an electrical re-wiring to install. Because the LED T8's work with instant start ballasts, they are independent of the ballast operating voltage which can be 120v, 277v, or 347v. This makes switching to LEDs as simple as changing a light bulb (no rewiring or special handling required).

Auto-adjusts to the corresponding Ballast Factor

- 19w (Low Ballast Factor)
- 22w (Standard Ballast Factor)
- 26w (High Ballast Factor)

Colors Available

- 3500
- 4100
- 5000



The Linear LED T8 also incorporates environmentally friendly passive components for a more reliable, longer lasting product with no UV light and no mercury. Using half the energy of a traditional linear T8, the lamp provides instant brightness, producing a 110° beam that spreads illumination uniformly, without hot spots or glare. Linear LED T8 lamps are especially well suited for difficult applications including refrigerator/freezer cases, or high-vibration, hard to reach locations. They are perfect for general lighting, merchandise displays, offices or anywhere building managers want environmentally friendly LED lighting.

### Features:

- Direct replacement – works with existing fluorescent T8 lamp fixtures and instant start ballasts
- Low energy usage: One half that of existing fluorescent T8s
- Environmentally friendly: no mercury, no UV or infrared light
- Low lumen depreciation -- maintains brightness over its 50,000 hour rated life
- Minimum heat emission, reducing load on building cooling systems.
- No flickering
- ETL tested to comply with OSHA safety standards



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for the Qualified Products List

Specifications	F32T8/8XX/LED/22W/IS		
Ballast Factor (BF)*	Low (78%)	Standard (88%)	High (110%)
Power Consumption (P)	19 watts	22 watts	26 watts
Luminous Flux (F)	1,900 lumens	2,200 lumens	2,600 lumens
Luminous Efficacy**	100 lm/W	100 lm/W	100 lm/W
Input-voltage	110-277v (Instant Start Electronic Ballast Only)		
Power Factor (PF)	0.9		
Color Temperature (CCT)	3500K, 4100K, or 5000K		
Color Rendering Index (CRI)	80+ CRI		
Rated Life	50,000 hours		
Operating Temperature	-20°C(-4°F) - 45°C(113°F)		
Diameter	1 in. (T8) (25.5mm)		
Total Length	47.165 in. (1,198mm)		
Nominal Length	48 in.		
Weight	1.1lb (500g)		

\* The LED T8 Lamp "self-adjusts" light output that matches the corresponding ballast factor of the supply (or control) ballast. The new "system matched" light output will meet or exceed that of the one it is replacing.

\*\*Efficiency measured using 4100K with clear lens.

UPC Code	Catalog #	Description
799385-62007	F32T8/835/LED/22W/IS	4 Ft. Linear T8 LED Lamp, 80+ CRI, 3500K
799385-62008	F32T8/841/LED/22W/IS*	4 Ft. Linear T8 LED Lamp, 80+ CRI, 4100K
799385-62009	F32T8/850/LED/22W/IS*	4 Ft. Linear T8 LED Lamp, 80+ CRI, 5000K

\* These models are on the DesignLights Consortium™ qualified products list. Visit [www.designlights.org](http://www.designlights.org) for a list of qualified products.

### Lighting Distribution Chart:

