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).

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

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.

Visit www.designlights.org for the Qualified Products List

Specifications subject to change without notice.
Product Information Bulletin

Linear LED Lamps

### Specifications | F32T8/8XX/LED/22W/IS
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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.

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<tr>
<th>UPC Code</th>
<th>Catalog #</th>
<th>Description</th>
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<tr>
<td>799385-62007</td>
<td>F32T8/835/LED/22W/IS</td>
<td>4 Ft. Linear T8 LED Lamp, 80+ CRI, 3500K</td>
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<tr>
<td>799385-62008</td>
<td>F32T8/841/LED/22W/IS*</td>
<td>4 Ft. Linear T8 LED Lamp, 80+ CRI, 4100K</td>
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<td>799385-62009</td>
<td>F32T8/850/LED/22W/IS*</td>
<td>4 Ft. Linear T8 LED Lamp, 80+ CRI, 5000K</td>
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* These models are on the DesignLights Consortium™ qualified products list. Visit www.designlights.org for a list of qualified products.

Lighting Distribution Chart:

- F32T8/8XX/LED/22W/IS
  - 0.5m: 1525 lx
  - 1.0m: 529 lx
  - 1.5m: 247 lx
  - 2.0m: 150 lx

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