**F54T5HO/830 Lamp Specifications**

**TCP Item Number: 31054830**  
Lamp code: F54T5HO/830

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**Physical Characteristics**

- **Lamp type**: T5  
- **Base type**: Miniature Bipin  
- **Lamp Material**: Soda Lime  
- **Phosphor**: Tri-Phosphor  
- **Lamp Diameter (inches)**:  
  - Nominal (D): 0.625  
  - Maximum (D): 0.670  
- **Overall Length (inches)**:  
  - Nominal (C): 45.2  
  - Maximum (C): 45.8  
- **Face to End of opposing pin (inches)**:  
  - Maximum (B): 45.52  
  - Minimum (B): 45.42

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**Photometric Characteristics**

- **Initial Lumens**: 5000  
- **Mean Lumens (40% of rated life)**: 4750  
- **Correlated Color Temperature (Kelvin)**: 3000  
- **Color Rendering Index (CRI)**: 85  
- **Normal Efficacy (Lumens/Watts)**: 92.6

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**Electrical Characteristics**

- **Lamp Watts**: 54  
- **Nominal Lamp Volts**: 118  
- **Nominal Lamp Operating Frequency (Hz)**: 50-60 Hz  
- **Min. Starting Temperature (°C)**: -20  
- **Min. Starting Lamp Voltage at 10°C**: 520  
- **Min. Cathode Resistance (Rh/Rc)**: 4.25  
- **Max. Cathode Resistance (Rh/Rc)**: 6.5

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**Spectral Power Distribution**

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**Lamp Lumen Maintenance**

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**Typical Lamp Mortality**

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**Average Rated Life (hours)**  
3 hours per start: 24,000

**TCLP Compliant**: Yes  
**Low Mercury**: Yes

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For the most up-to-date specs, please visit [www.tcpi.com](http://www.tcpi.com)

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*Testing performed with Instant Start Ballast.*