F49T5HO/830 Lamp Specifications

TCP Item Number: 31049830  Lamp code: F49T5HO/830

**Photometric Characteristics**

- Initial Lumens: 4650
- Mean Lumens (40% of rated life): 4400
- Correlated Color Temperature (Kelvin): 3000
- Color Rendering Index (CRI): 85
- Normal Efficacy (Lumens/Watts): 92

**Electrical Characteristics**

- Lamp Watts: 49
- Nominal Lamp Volts: 191
- 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

**Physical Characteristics**

- Lamp type: T5
- Base type: Miniature Bipin
- Lamp Material: Soda Lime
- Phosphor: Tri-Phosphor
- Lamp Diameter (inches):
  - Nominal (D): .625
  - Maximum (D): .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

**Average Rated Life (hours)**

3 hours per start: 24,000

**TCLP Compliant**: Yes

**Low Mercury**: Yes

**Spectral Power Distribution**

**Lamp Lumen Maintenance**

**Typical Lamp Mortality**

*Testing performed with Instant Start Ballast.*

24 MONTH STANDARD WARRANTY

For the most up-to-date specs, please visit www.tcpi.com