TCP Item Number: 31028830  Lamp code: F28T8/830

- **Lamp code:** F28T8/830
- **Lamp type:** T8
- **Base type:** BiPin (G13)
- **Lamp Material:** Soda Lime
- **Phosphor:** Tri-Phosphor
- **Lamp Diameter (inches):**
  - Nominal (D): 1.00
  - Maximum (D): 1.10
  - Minimum (D): .94
- **Overall Length (inches):**
  - Nominal (C): 48.00
  - Maximum (C): 47.78
  - Minimum (C): 47.67
- **Face to Face (inches):**
  - Maximum (B): 47.30
  - Minimum (B): 47.20
- **Initial Lumens:** 2650
- **Mean Lumens (40% of rated life):** 2520
- **Correlated Color Temperature (Kelvin):** 3000
- **Color Rendering Index (CRI):** 85
- **Normal Efficacy (Lumens/Watts):** 94.5
- **Lamp Watts:** 28
- **Nominal Lamp Volts:** 122
- **Nominal Lamp Operating Frequency (Hz):** 50-60
- **Min. Starting Lamp Voltage at 10°C:** 300
- **Min. Cathode Resistance (Rh/Rc):** 4.25
- **Max. Cathode Resistance (Rh/Rc):** 6.50

**Physical Characteristics**

- **Average Rated Life (hours):** 24,000
- **TCLP Compliant:** Yes
- **Mercury Content (mg):** 4.3

**Spectral Power Distribution**

- **WAVELENGTH (nm):** 350 - 750
- **Normalized Spectral Power - W/ nm per 1000 lm:**

**Photometric Characteristics**

- **Initial Light Output:**
  - 100%
  - 90%
  - 80%
  - 70%
  - 60%
  - 50%
  - 40%
  - 30%
  - 20%
  - 10%

**Electrical Characteristics**

- **Min. Starting Lamp Voltage at 10°C:** 300
- **Min. Cathode Resistance (Rh/Rc):** 4.25
- **Max. Cathode Resistance (Rh/Rc):** 6.50

**Typical Lamp Mortality**

- **PERCENT RATED LIFE vs. PERCENT SURVIVING:**

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

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