F25T8/850 Lamp Specifications

TCP Item Number: 31025850  Lamp code: F25T8/850

Lamp type -----------------------------------   T8
Base type ------------------------------------   Med. 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) ---------------------------------  36.00
Maximum (C) -------------------------------  35.78
Minimum (C) --------------------------------  35.67
Face to End of opposing pin (inches)
Maximum (B) -------------------------------  35.50
Minimum (B) --------------------------------  35.40

Initial Lumens --------------------------------  2225
Mean Lumens (40% of rated life) -----------  2115
Correlated Color Temperature (Kelvin) -----  5000
Color Rendering Index (CRI) ----------------  86
Normal Efficacy (Lumens/Watts) -----------   89
Lamp Watts ----------------------------------  25
Nominal Lamp Volts -------------------------  100
Nominal Lamp Operating Frequency (Hz) -  50-60 Hz
Min. Starting Temperature (Degrees C) ---    10º
Min. Starting Lamp Voltage at 10ºC -------    260
Min. Cathode Resistance (Rh/Rc) ----------  4.25
Max. Cathode Resistance (Rh/Rc) ---------  6.5

TCLP Compliant -----------------------------   Yes
Low Mercury ---------------------------------   Yes

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

Physical Characteristics

Photometric Characteristics

Electrical Characteristics

Miscellaneous

TCLP Compliant -----------------------------  Yes
Low Mercury ---------------------------------  Yes

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

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The Spectral Power Distribution graph shows the normalized spectral power distribution in W/nm per 1000 lm. The graph illustrates the distribution of light across different wavelengths.

The Lamp Lumen Maintenance graph shows the percentage of initial light output remaining as a function of percent rated life. The graph shows a decrease in lumen output over time, indicating the typical lamp mortality.

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