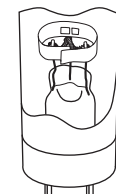
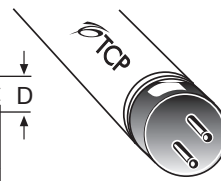
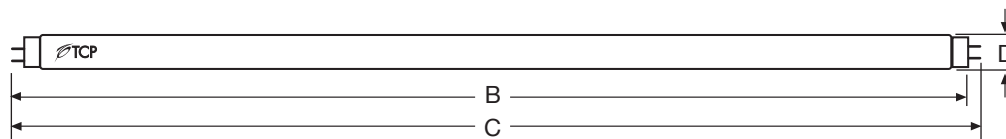


**TCP Item Number: 31025850**      Lamp code: F25T8/850



Cathode Guarded

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

TCLP Compliant ----- Yes

Low Mercury ----- Yes

### Physical Characteristics

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

### Photometric Characteristics

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

### Electrical Characteristics

Lamp Watts ----- 25

Nominal Lamp Volts ----- 100

Nominal Lamp Operating Frequency (Hz) - 50-60 Hz

Min. Starting Temperature (Degrees C) --- 10°

Min. Starting Lamp Voltage at 10°C ----- 260

Min. Cathode Resistance (Rh/Rc) ----- 4.25

Max. Cathode Resistance (Rh/Rc) ----- 6.5

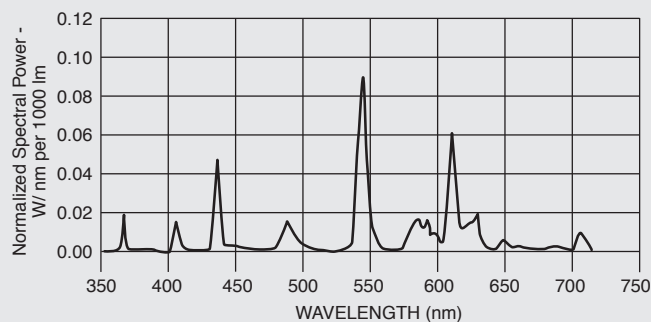
### Miscellaneous

TCLP Compliant ----- Yes

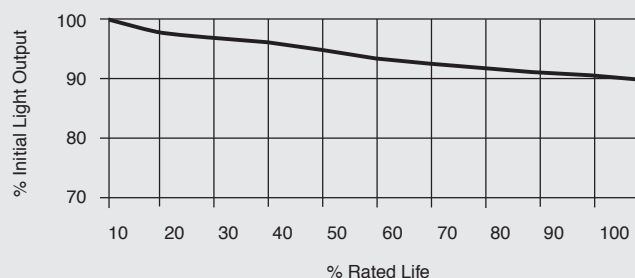
Low Mercury ----- Yes

**24** MONTH  
STANDARD WARRANTY

### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality

