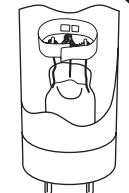
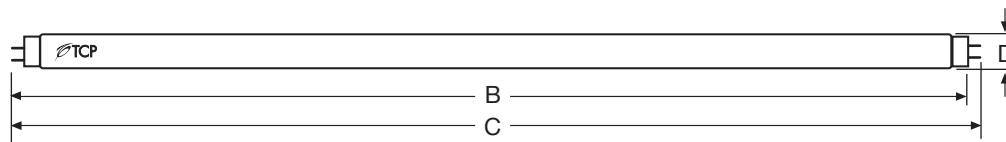




# Lamp Specifications F25T8/850

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) ----- 2050  
Correlated Color Temperature (Kelvin) ----- 5000  
Color Rendering Index (CRI) ----- 86  
Normal Efficacy (Lumens/Watts) ----- 89

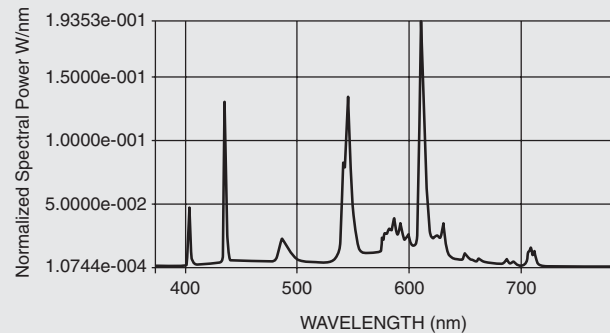
## Electrical Characteristics

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

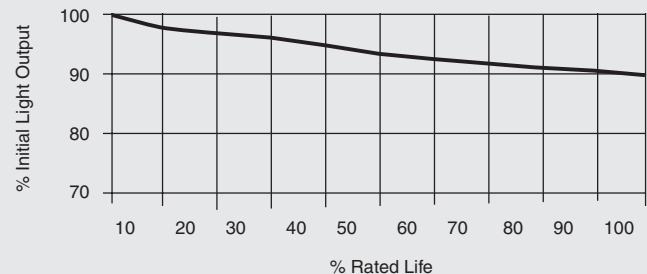
## Miscellaneous

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

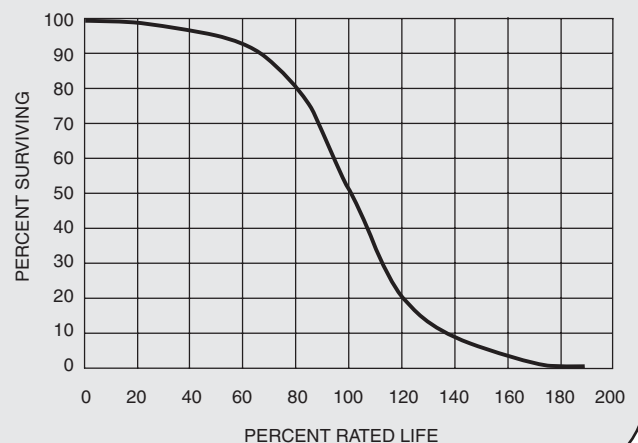
## Spectral Power Distribution



## Lamp Lumen Maintenance



## Typical Lamp Mortality



**24** MONTH  
STANDARD WARRANTY