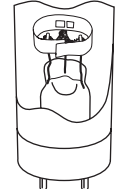
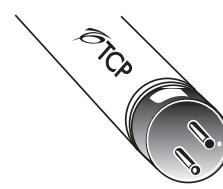
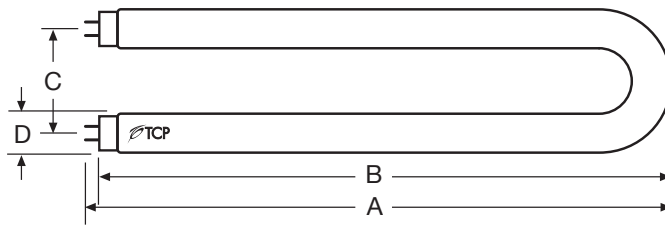




# Lamp Specifications **FB32T8/850/6**

**TCP Item Number:**  
**31032850U6**

Lamp code:  
FB32T8/850/6



Cathode Guarded

Average Rated Life (hours) ----- 20,000  
TCLP Compliant ----- Yes  
Low Mercury ----- Yes

## Physical Characteristics

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) ----- 0.94  
Base Center to Base Center (inches) (C) --- 6.00  
Base Face to Top of Lamp (inches) (B) ----- 22.60  
Nominal Overall Length (inches) (A) ----- 23.00

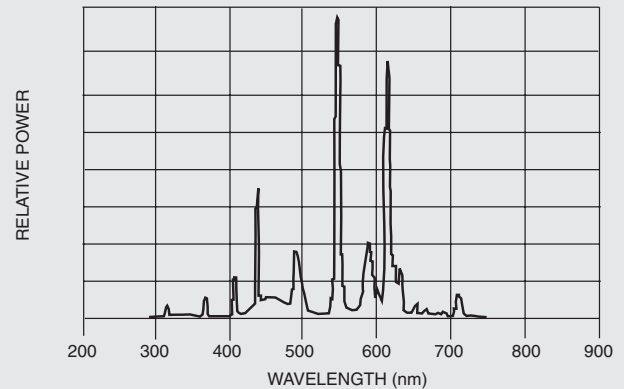
## Photometric Characteristics

Initial Lumens ----- 2850  
Mean Lumens (40% of rated life) ----- 2600  
Correlated Color Temperature (Kelvin) ----- 5000  
Color Rendering Index (CRI) ----- 82  
Normal Efficacy (Lumens/Watts) ----- 89

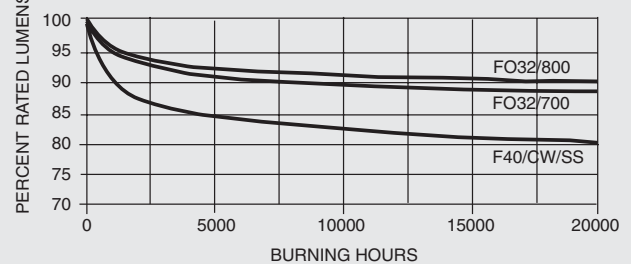
## Electrical Characteristics

Lamp Watts ----- 32  
Nominal Lamp Volts ----- 137  
Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz  
Min. Starting Lamp Voltage at 10°C ----- 300  
Filament Volts (V) ----- 3.4  
Max. Current Crest Factor ----- 1.7

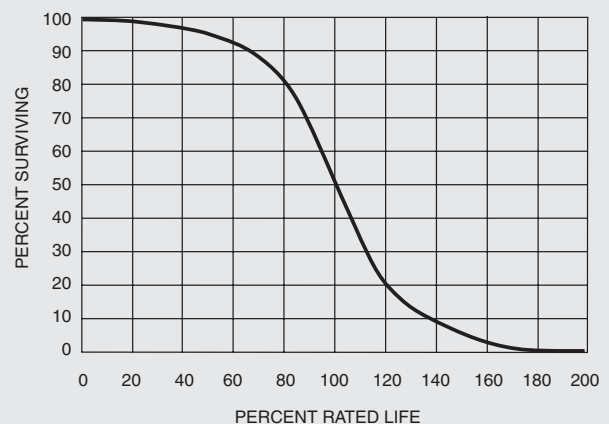
## Spectral Power Distribution



## Lamp Lumen Maintenance



## Typical Lamp Mortality



**24** MONTH  
STANDARD WARRANTY