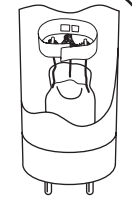
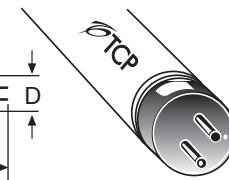
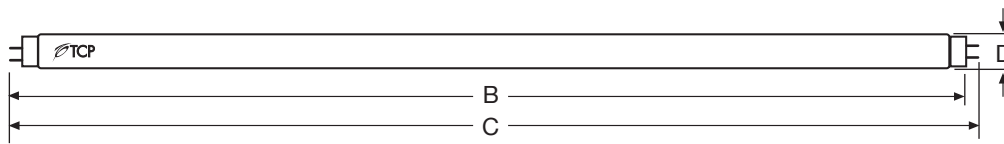


**TCP Item Number: 31032841** Lamp code: F32T8/841



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 ----- 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 End of opposing pin (inches)  
 Maximum (B) ----- 47.50  
 Minimum (B) ----- 47.40

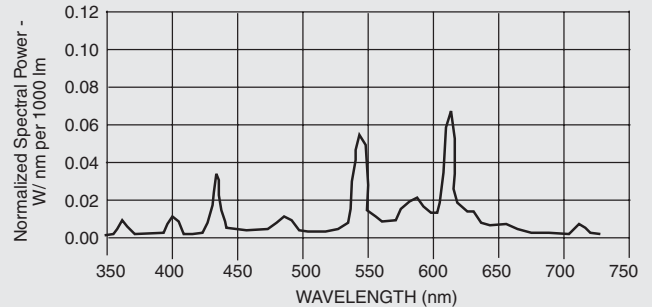
### Photometric Characteristics

Initial Lumens ----- 2950  
 Mean Lumens (40% of rated life) ----- 2800  
 Correlated Color Temperature (Kelvin) ----- 4100  
 Color Rendering Index (CRI) ----- 85  
 Normal Efficacy (Lumens/Watts) ----- 92

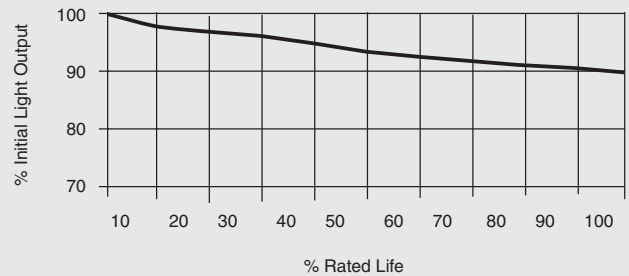
### Electrical Characteristics

Lamp Watts ----- 32  
 Nominal Lamp Volts ----- 137  
 Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz  
 Min. Starting Lamp Voltage at 10°C ----- 300  
 Min. Cathode Resistance (Rh/Rc) ----- 6.50  
 Max. Cathode Resistance (Rh/Rc) ----- 4.25

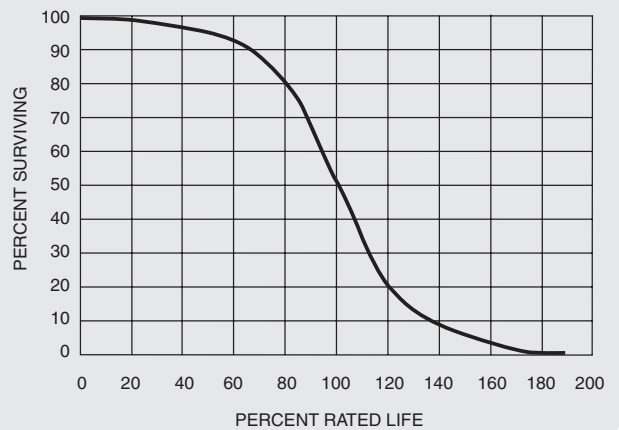
### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality



**24** MONTH  
 STANDARD WARRANTY