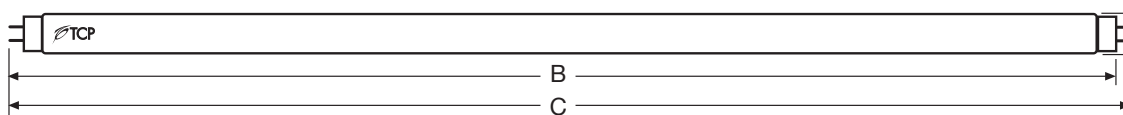


**TCP Item Number: 31032841** Lamp code: F32T8/841



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 ----- 132

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

Min. Starting Lamp Voltage at 10°C ----- 300

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

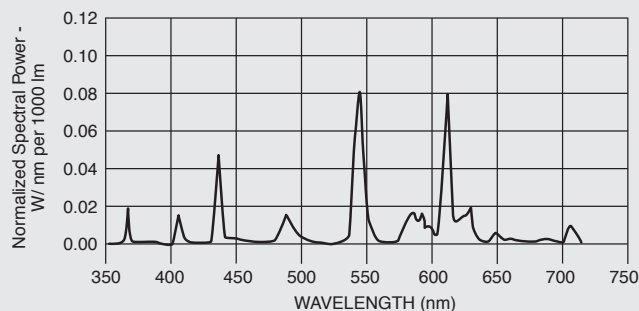
Max. Cathode Resistance (Rh/Rc) ----- 6.50

**24** MONTH  
 STANDARD WARRANTY

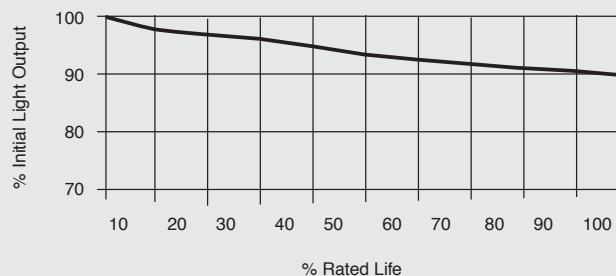
For the most up-to-date specs, please visit [www.tcpi.com](http://www.tcpi.com)

\*Testing performed with Instant Start Ballast.

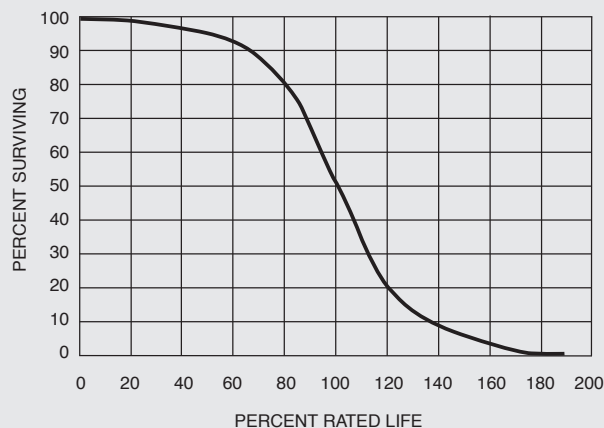
### Spectral Power Distribution



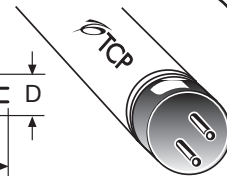
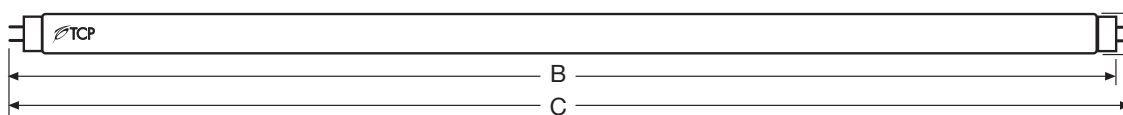
### Lamp Lumen Maintenance



### Typical Lamp Mortality



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



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

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

### Physical Characteristics

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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

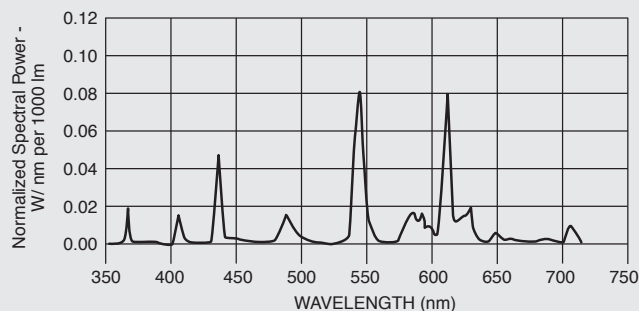
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 Color Rendering Index (CRI) ----- 85  
 Normal Efficacy (Lumens/Watts) ----- 92

### Electrical Characteristics

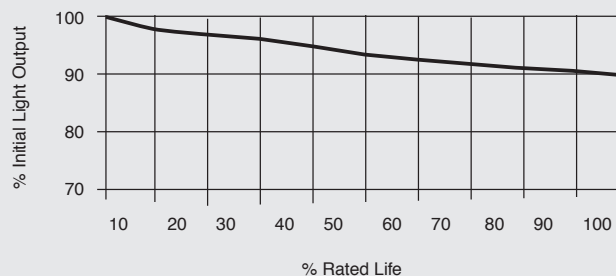
Lamp Watts ----- 32  
 Nominal Lamp Volts ----- 132  
 Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz  
 Min. Starting Lamp Voltage at 10°C ----- 300  
 Min. Cathode Resistance (Rh/Rc) ----- 4.25  
 Max. Cathode Resistance (Rh/Rc) ----- 6.50

**24** MONTH  
 STANDARD WARRANTY

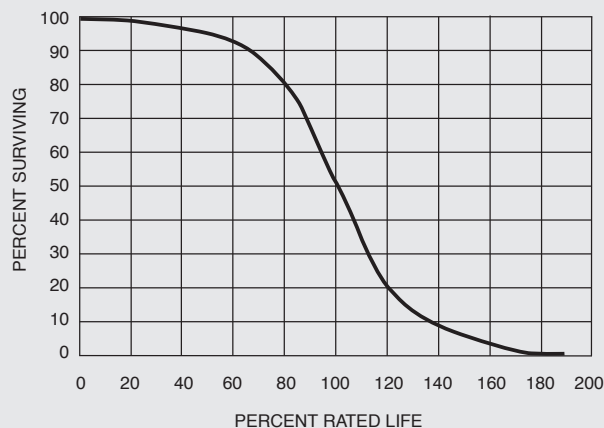
### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality



\*Testing performed with Instant Start Ballast.

For the most up-to-date specs, please visit [www.tcpi.com](http://www.tcpi.com)