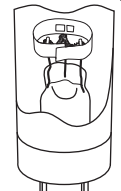
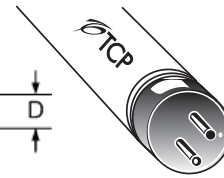
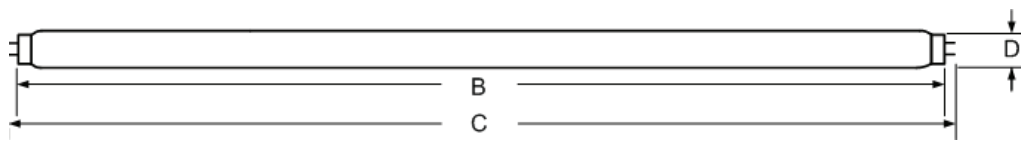


**TCP Item Number: 31017835**      Lamp code: F17T8/835



Cathode Guarded

Average Rated Life (hours)	
3 hours per start -----	24,000
TCLP Compliant -----	Yes
Mercury Level -----	4.3 mg

### 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) -----	24.00
Maximum (C) -----	23.78
Minimum (C) -----	23.67
Face to Face	
Maximum (B) -----	23.22
Minimum (B) -----	23.12

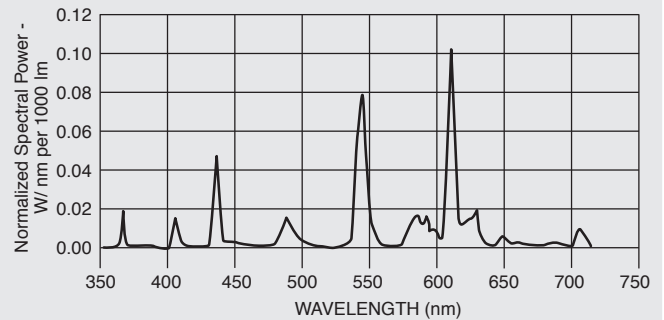
### Photometric Characteristics

Initial Lumens -----	1400
Mean Lumens (40% of rated life) -----	1330
Correlated Color Temperature (Kelvin) -----	3500
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	82

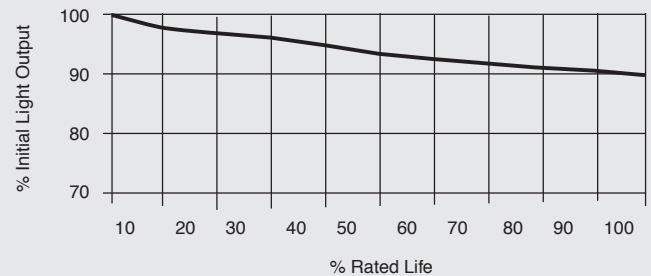
### Electrical Characteristics

Lamp Watts -----	17
Nominal Lamp Volts -----	65
Nominal Lamp Operating Frequency (Hz) -	50-60 Hz
Min. Starting Temperature (Degrees C) ---	10°
Min. Starting Lamp Voltage at 10°C -----	210
Min. Cathode Resistance (Rh/Rc) -----	4.25
Max. Cathode Resistance (Rh/Rc) -----	6.5

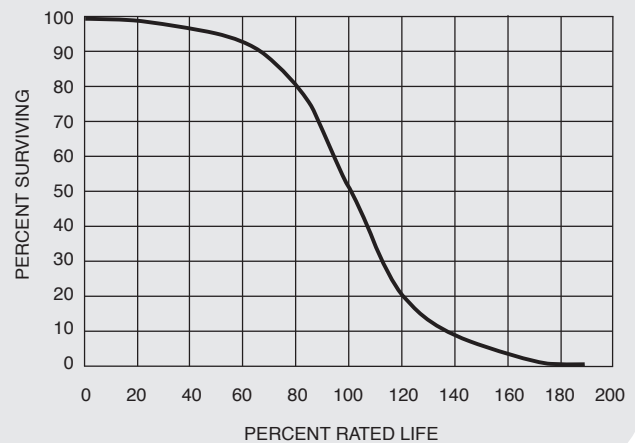
### Spectral Power Distribution



### Lamp Lumen Maintenance



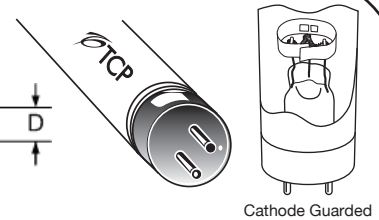
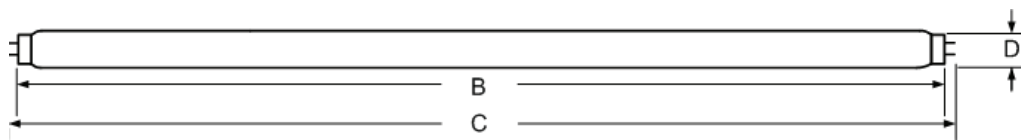
### Typical Lamp Mortality



**24** MONTH STANDARD WARRANTY

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

**TCP Item Number: 31017835**      Lamp code: F17T8/835



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

TCLP Compliant ----- Yes

Mercury Level ----- 4.3 mg

### 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) ----- 24.00

Maximum (C) ----- 23.78

Minimum (C) ----- 23.67

Face to Face

Maximum (B) ----- 23.22

Minimum (B) ----- 23.12

### Photometric Characteristics

Initial Lumens ----- 1400

Mean Lumens (40% of rated life) ----- 1330

Correlated Color Temperature (Kelvin) ----- 3500

Color Rendering Index (CRI) ----- 85

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### Electrical Characteristics

Lamp Watts ----- 17

Nominal Lamp Volts ----- 65

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

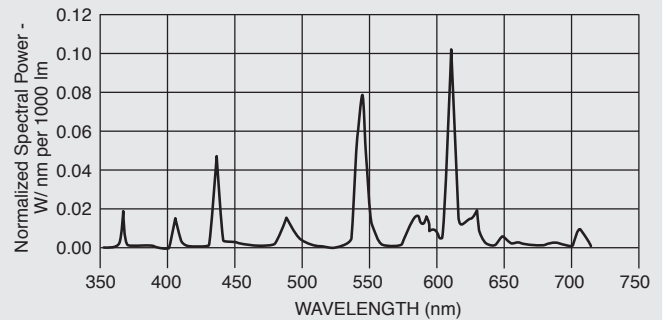
Min. Starting Temperature (Degrees C) --- 10°

Min. Starting Lamp Voltage at 10°C ----- 210

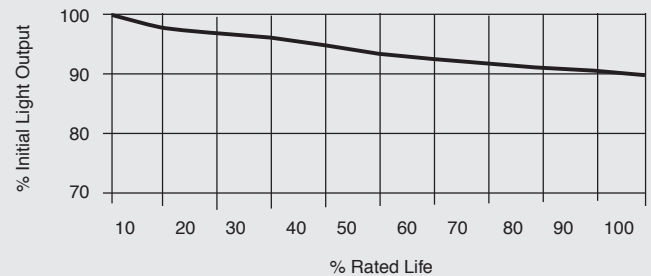
Min. Cathode Resistance (Rh/Rc) ----- 4.25

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

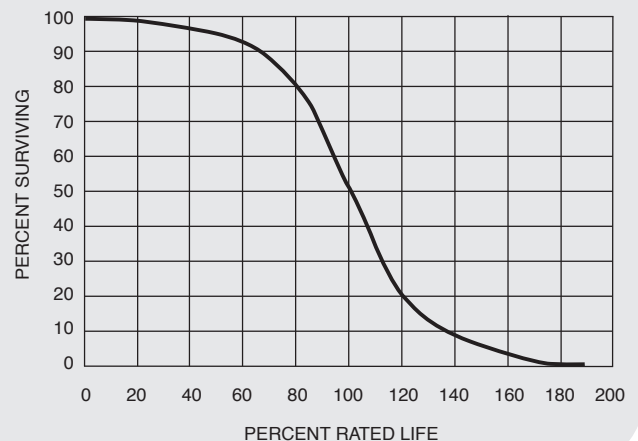
**Spectral Power Distribution**



**Lamp Lumen Maintenance**



**Typical Lamp Mortality**



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