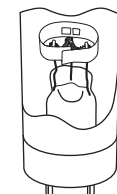
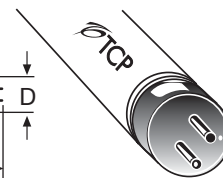
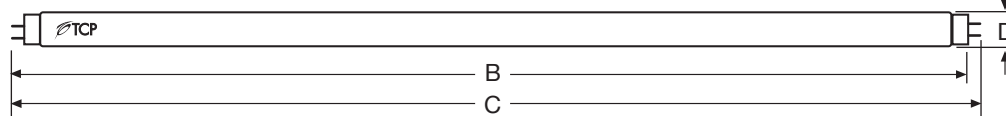




## F54T5HO/835 Lamp Specifications

**TCP Item Number: 31054835**

**Lamp code: F54T5HO/835**



Cathode Guarded

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

TCLP Compliant ----- Yes

Low Mercury ----- Yes

### Physical Characteristics

Lamp type ----- T5

Base type ----- Miniature Bipin

Lamp Material ----- Soda Lime

Phosphor ----- Tri-Phosphor

Lamp Diameter (inches)

Nominal (D) ----- .625

Maximum (D) ----- .670

Overall Length (inches)

Nominal (C) ----- 45.2

Maximum (C) ----- 45.8

Face to End of opposing pin (inches)

Maximum (B) ----- 45.52

Minimum (B) ----- 45.42

### Photometric Characteristics

Initial Lumens ----- 5000

Mean Lumens (40% of rated life) ----- 4750

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

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

Normal Efficacy (Lumens/Watts) ----- 92.6

### Electrical Characteristics

Lamp Watts ----- 54

Nominal Lamp Volts ----- 118

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

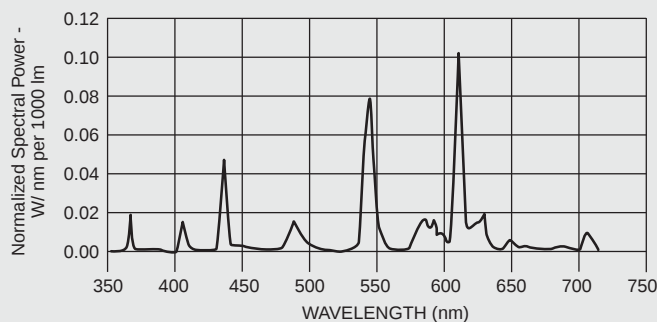
Min. Starting Temperature (°C) ----- -20

Min. Starting Lamp Voltage at 10°C ----- 520

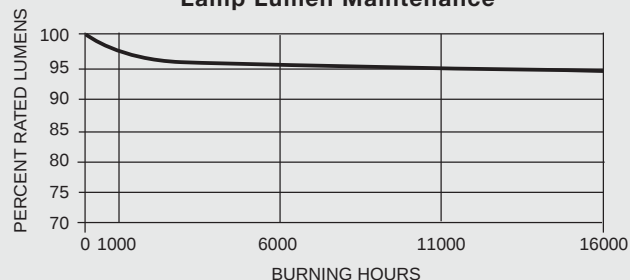
Min. Cathode Resistance (Rh/Rc) ----- 4.25

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

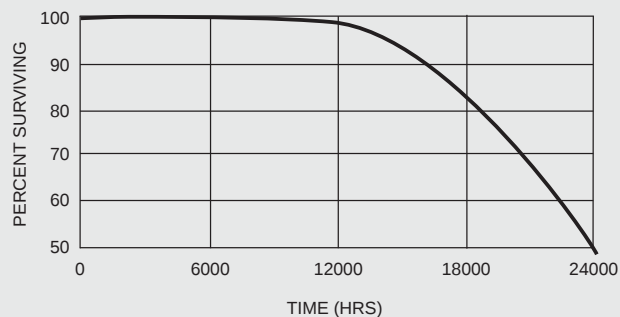
### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality



**24** MONTH  
STANDARD WARRANTY

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

\*Testing performed with Instant Start Ballast.

TCP, Inc.

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