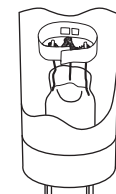
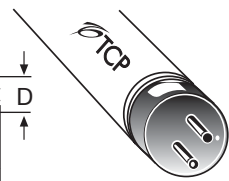
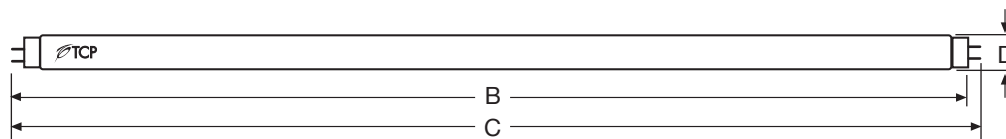


TCP Item Number: 31054835 Lamp code: F54T5HO/835



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 |

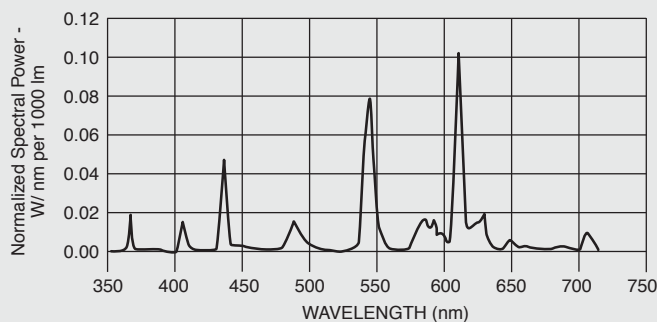
Photometric Characteristics

| | |
|---|------|
| 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 |

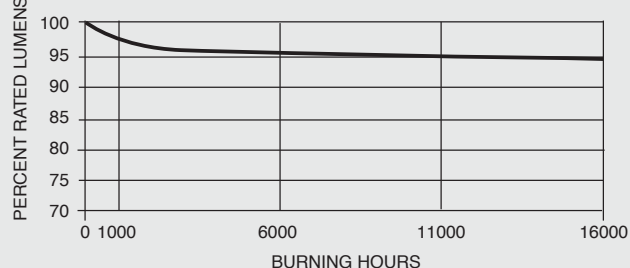
Electrical Characteristics

| | |
|--|----------|
| 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 |

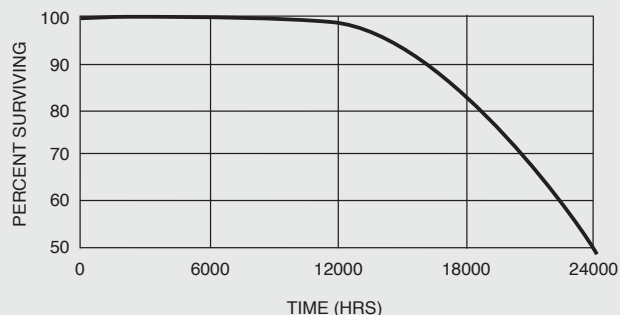
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality

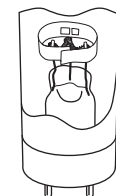
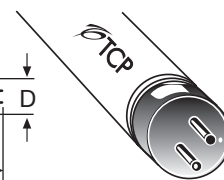
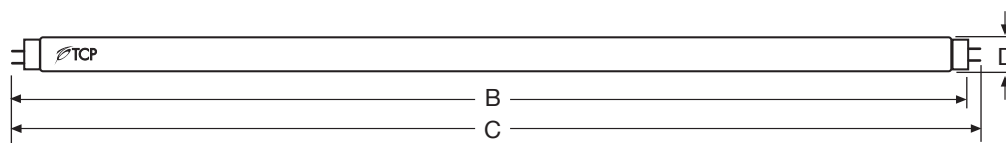


24 MONTH STANDARD WARRANTY

For the most up-to-date specs, please visit www.tcp.com

*Testing performed with Instant Start Ballast.

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

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 Maximum (C) ----- 45.8

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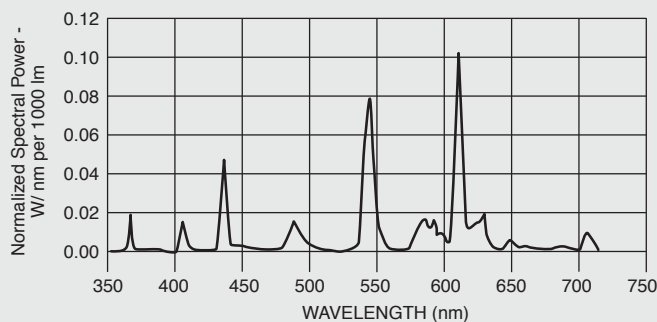
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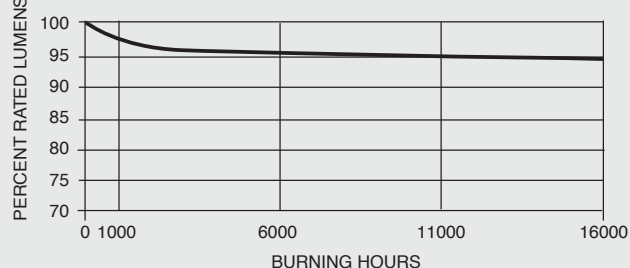
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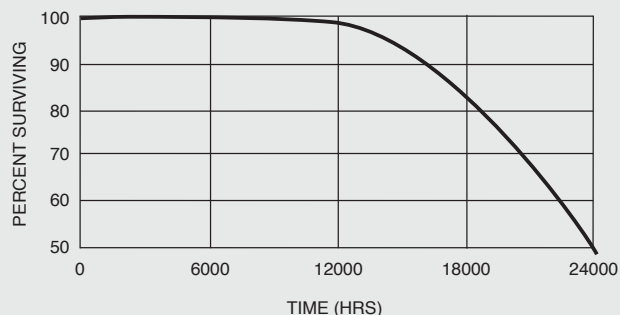
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality



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