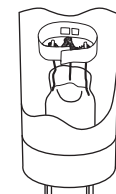
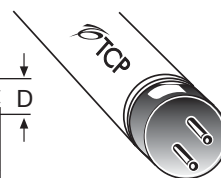
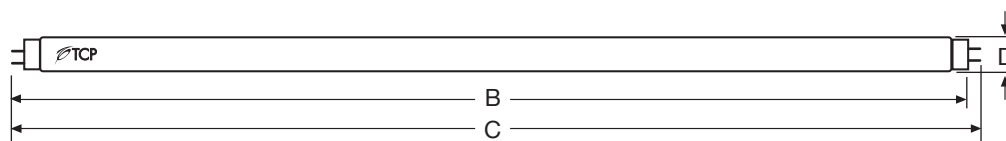


**TCP Item Number: 31054865**      Lamp code: F54T5HO/865



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

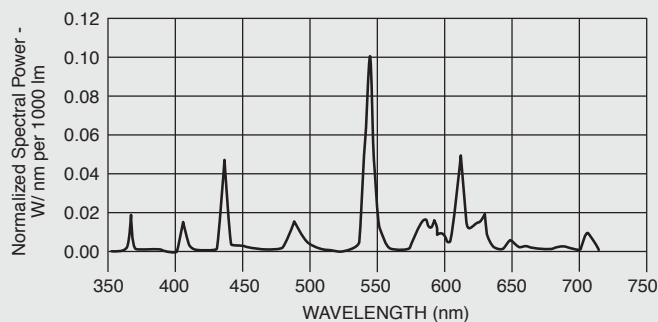
### Photometric Characteristics

Initial Lumens ----- 4650  
 Mean Lumens (40% of rated life) ----- 4185  
 Correlated Color Temperature (Kelvin) ----- 6500  
 Color Rendering Index (CRI) ----- 85  
 Normal Efficacy (Lumens/Watts) ----- 86

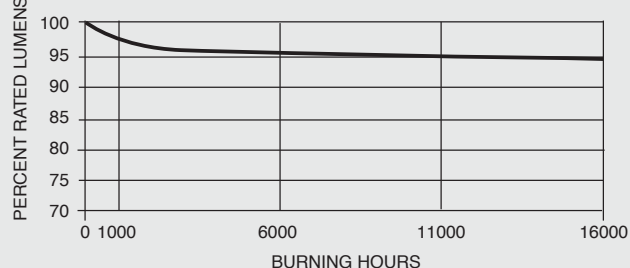
### Electrical Characteristics

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

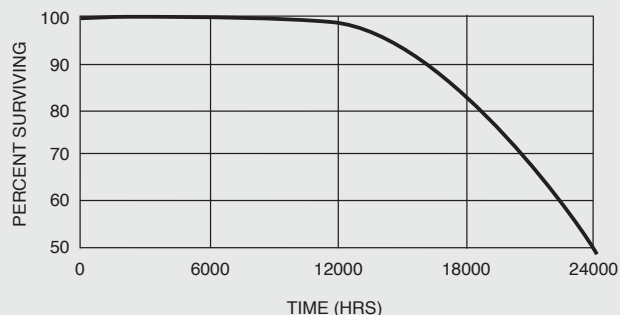
### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality

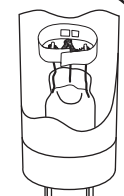
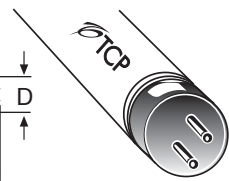
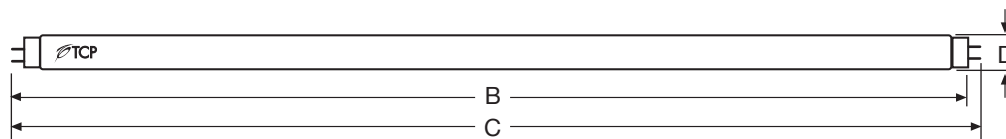


**24** MONTH  
 STANDARD WARRANTY

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

\*Testing performed with Instant Start Ballast.

**TCP Item Number: 31054865**      Lamp code: F54T5HO/865



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           |

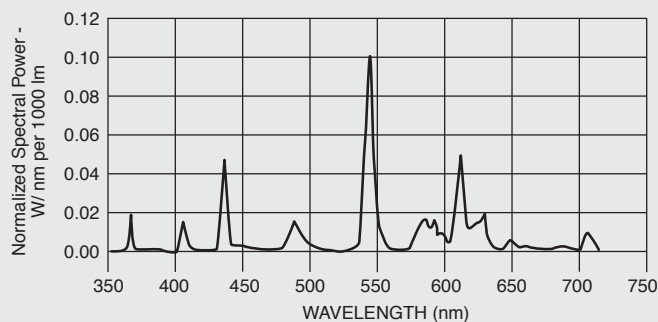
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|   |      |
|---|------|
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| Mean Lumens (40% of rated life) -----       | 4185 |
| Correlated Color Temperature (Kelvin) ----- | 6500 |
| Color Rendering Index (CRI) -----           | 85   |
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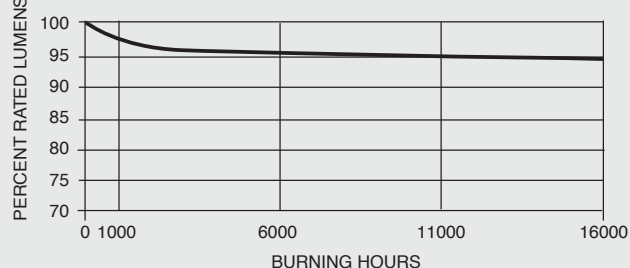
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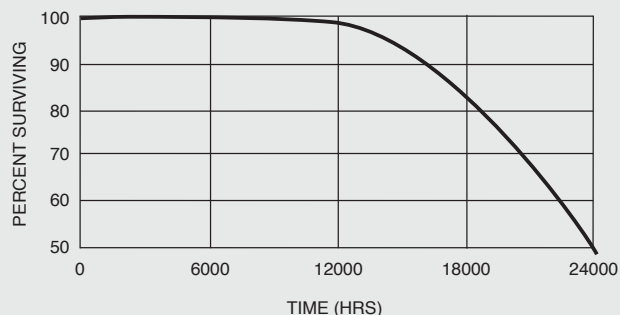
### Spectral Power Distribution



### Lamp Lumen Maintenance



### Typical Lamp Mortality



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