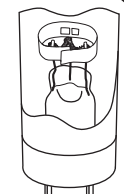
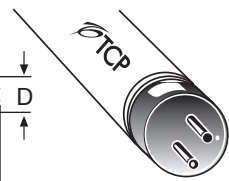
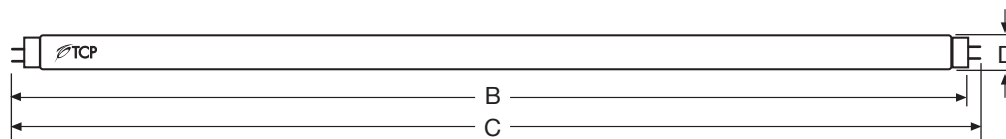


**TCP Item Number: 31024T5841**    Lamp code: F24T5HO/841



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
Overall Length (inches)	
Nominal (C) -----	22.17
Face to End of opposing pin (inches)	
Maximum (B) -----	21.89
Minimum (B) -----	21.80

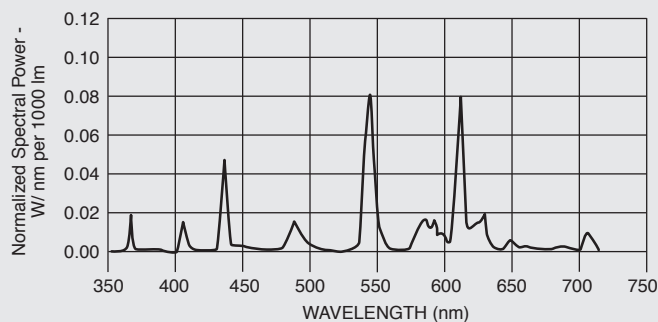
### Photometric Characteristics

Initial Lumens -----	2000
Mean Lumens (40% of rated life) -----	1850
Correlated Color Temperature (Kelvin) -----	4100
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	83.3

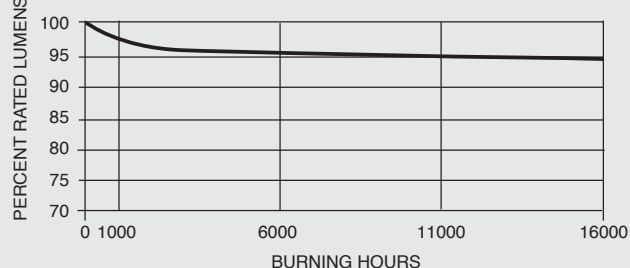
### Electrical Characteristics

Lamp Watts -----	24
Nominal Lamp Volts -----	75
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

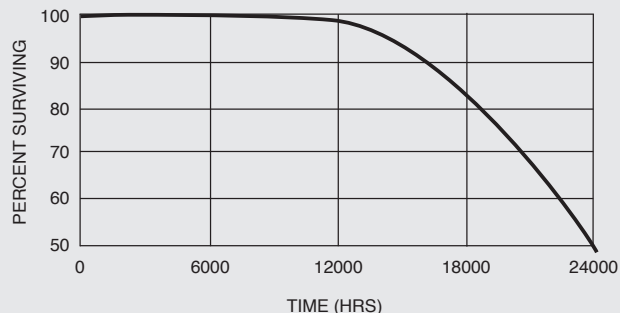
**Spectral Power Distribution**



**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.