F24T5HO/841 Lamp Specifications

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

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

Normalized Spectral Power - W/ nm per 1000 lm

Lamp Lumen Maintenance

Percent Rated Lumens

Typical Lamp Mortality

Percent Surviving

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

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24 MONTH STANDARD WARRANTY

*Testing performed with Instant Start Ballast.