F54T5HO/865 Lamp Specifications

TCP Item Number: 31054865  
Lamp code: F54T5HO/865

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

*Testing performed with Instant Start Ballast.