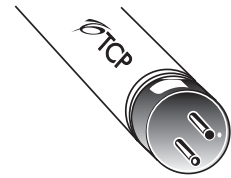
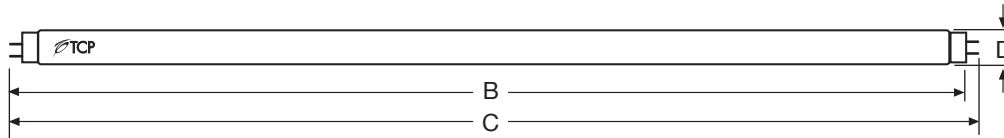




Lamp Specifications F28T5/835

TCP Item Number: 31028T5835 Lamp code: F28T5/835



Average Rated Life (hours)
3 hours per start ----- 20,000

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

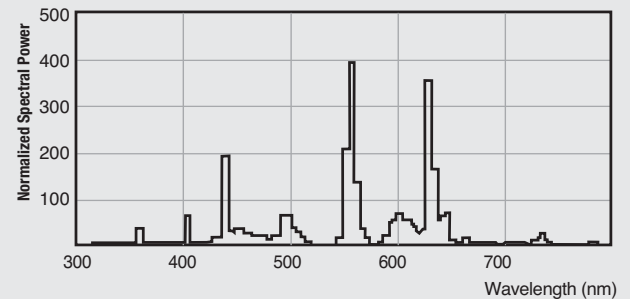
Photometric Characteristics

Initial Lumens ----- 2900
Mean Lumens (40% of rated life) ----- 2750
Correlated Color Temperature (Kelvin) ----- 3500
Color Rendering Index (CRI) ----- 85
Normal Efficacy (Lumens/Watts) ----- 103

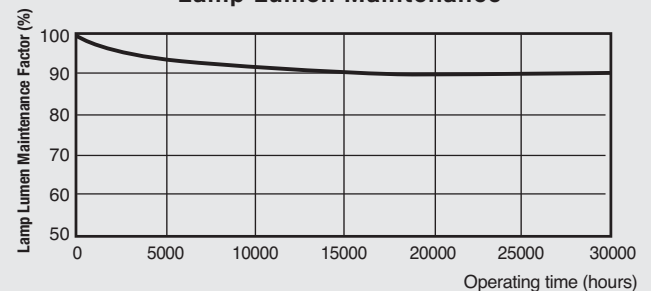
Electrical Characteristics

Lamp Watts ----- 28
Nominal Lamp Volts ----- 167
Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz
Min. Starting Temperature (°C) ----- -20
Min. Starting Lamp Voltage at 10°C ----- 425
Min. Cathode Resistance (Rh/Rc) ----- 4.25
Max. Cathode Resistance (Rh/Rc) ----- 6.5

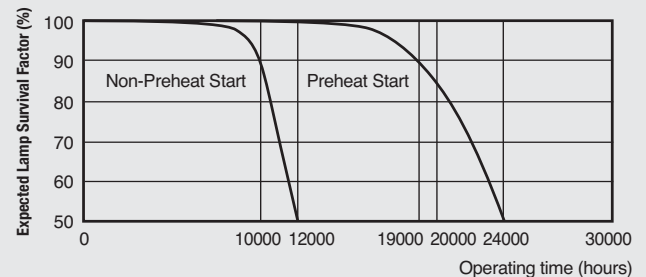
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality



24 MONTH
STANDARD WARRANTY