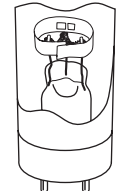
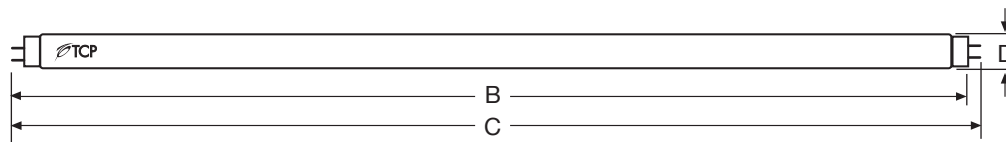




Lamp Specifications F32T8/830

TCP Item Number: 31032830 Lamp code: F32T8/830



Cathode Guarded

Average Rated Life (hours)
3 hours per start ----- 24,000
TCLP Compliant ----- Yes
Low Mercury ----- Yes

Physical Characteristics

Lamp type ----- T8
Base type ----- BiPin (G13)
Lamp Material ----- Soda Lime
Phosphor ----- Tri-Phosphor
Lamp Diameter (inches)
Nominal (D) ----- 1.00
Maximum (D) ----- 1.10
Minimum (D) ----- .94
Overall Length (inches)
Nominal (C) ----- 48.00
Maximum (C) ----- 47.78
Minimum (C) ----- 47.67
Face to End of opposing pin (inches)
Maximum (B) ----- 47.50
Minimum (B) ----- 47.40

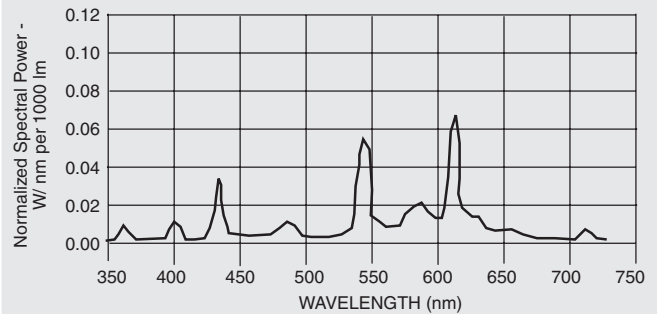
Photometric Characteristics

Initial Lumens ----- 2950
Mean Lumens (40% of rated life) ----- 2800
Correlated Color Temperature (Kelvin) ----- 3000
Color Rendering Index (CRI) ----- 85
Normal Efficacy (Lumens/Watts) ----- 89

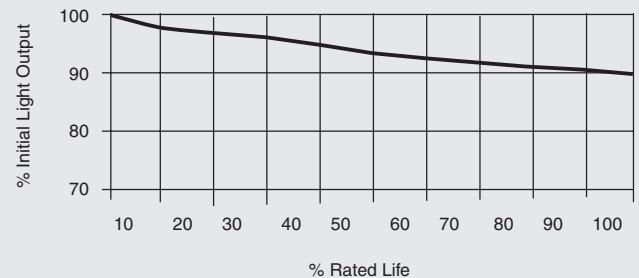
Electrical Characteristics

Lamp Watts ----- 32
Nominal Lamp Volts ----- 137
Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz
Min. Starting Lamp Voltage at 10°C ----- 300
Min. Cathode Resistance (Rh/Rc) ----- 6.50
Max. Cathode Resistance (Rh/Rc) ----- 4.25

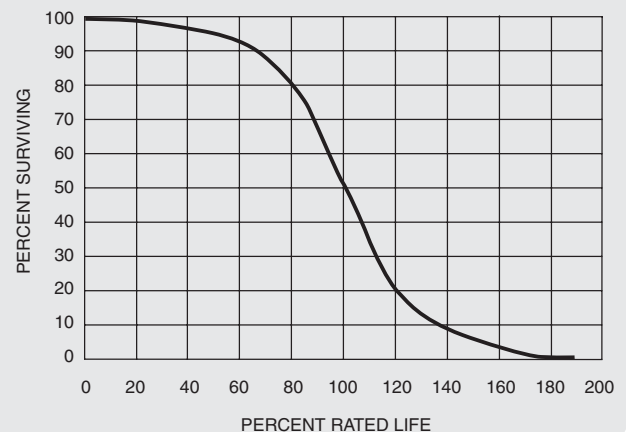
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality



24 MONTH
STANDARD WARRANTY