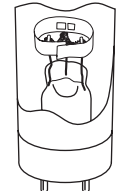
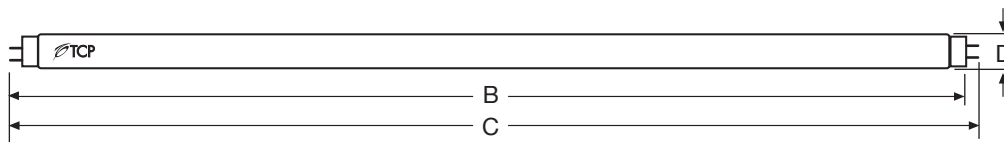




Lamp Specifications F32T8/850/XHL

TCP Item Number: 31032850XHL Lamp code: F32T8/850/XHL



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 ----- Med. 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 ----- 3400
Mean Lumens (40% of rated life) ----- 3200
Correlated Color Temperature (Kelvin) ----- 5000
Color Rendering Index (CRI) ----- 85
Normal Efficacy (Lumens/Watts) ----- 97

Electrical Characteristics

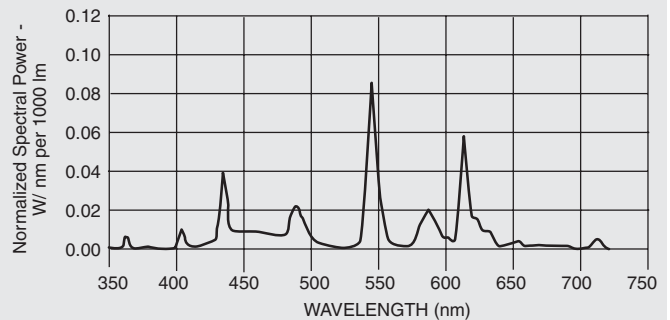
Lamp Watts ----- 32
Nominal Lamp Volts ----- 137
Nominal Lamp Operating Frequency (Hz) - 50-60 Hz
Min. Starting Temperature (Degrees C) --- 10°
Min. Starting Lamp Voltage at 10°C ----- 300
Min. Cathode Resistance (Rh/Rc) ----- 4.25
Max. Cathode Resistance (Rh/Rc) ----- 6.5

Miscellaneous

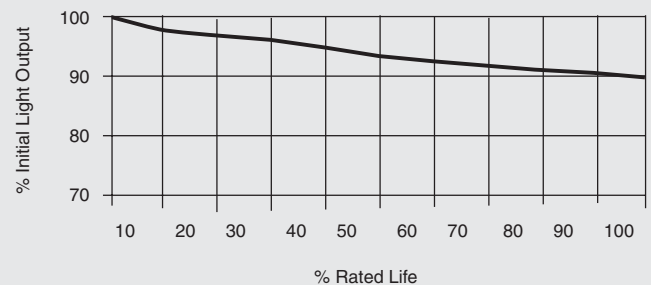
TCLP Compliant ----- Yes
Low Mercury ----- Yes

24 MONTH
STANDARD WARRANTY

Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality

