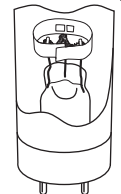
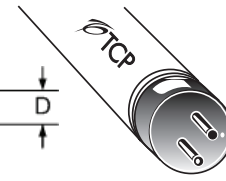
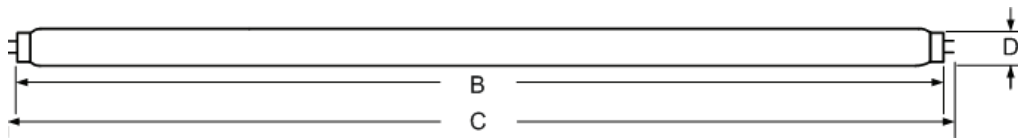


TCP Item Number: 31017841 Lamp code: F17T8/841



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) -----	24.00
Maximum (C) -----	23.78
Minimum (C) -----	23.67
Face to Face	
Maximum (B) -----	23.22
Minimum (B) -----	23.12

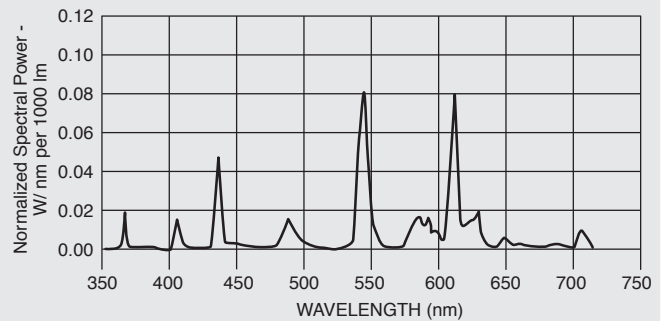
Photometric Characteristics

Initial Lumens -----	1400
Mean Lumens (40% of rated life) -----	1330
Correlated Color Temperature (Kelvin) -----	4100
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	82

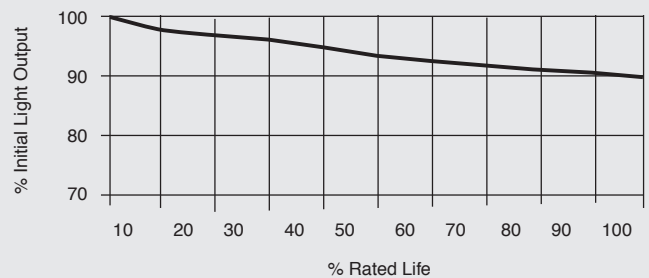
Electrical Characteristics

Lamp Watts -----	17
Nominal Lamp Volts -----	65
Nominal Lamp Operating Frequency (Hz) -----	50-60 Hz
Min. Starting Temperature (Degrees C) -----	10°
Min. Starting Lamp Voltage at 10°C -----	210
Min. Cathode Resistance (Rh/Rc) -----	4.25
Max. Cathode Resistance (Rh/Rc) -----	6.5

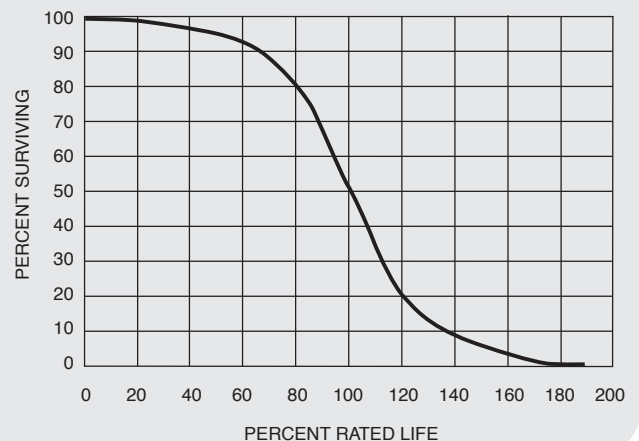
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality



24 MONTH STANDARD WARRANTY