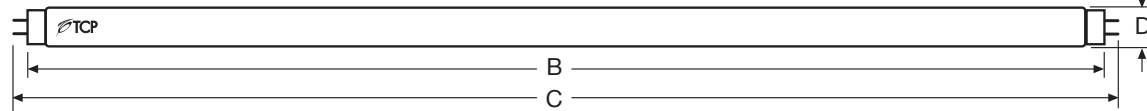


TCP Item Number: 31028830 Lamp code: F28T8/830



Average Rated Life (hours)	
3 hours per start -----	24,000
TCLP Compliant -----	Yes
Mercury Content (mg) -----	4.3

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 Face (inches)	
Maximum (B) -----	47.30
Minimum (B) -----	47.20

Photometric Characteristics

Initial Lumens -----	2650
Mean Lumens (40% of rated life) -----	2520
Correlated Color Temperature (Kelvin) -----	3000
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	94.5

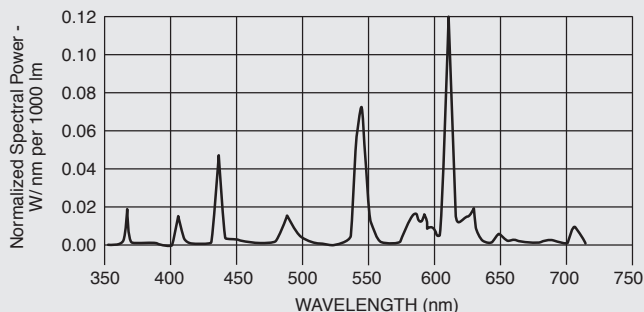
Electrical Characteristics

Lamp Watts -----	28
Nominal Lamp Volts -----	122
Nominal Lamp Operating Frequency (Hz) -	50-60
Min. Starting Lamp Voltage at 10°C -----	300
Min. Cathode Resistance (Rh/Rc) -----	4.25
Max. Cathode Resistance (Rh/Rc) -----	6.50

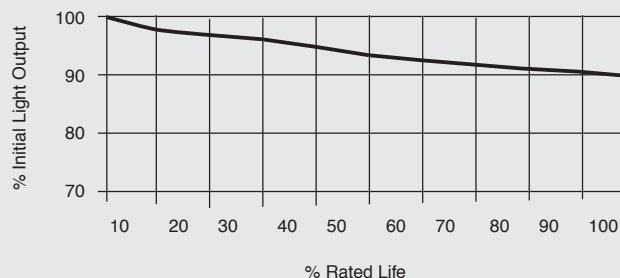
24 MONTH STANDARD WARRANTY

For the most up-to-date specs, please visit www.tcpi.com

Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality

