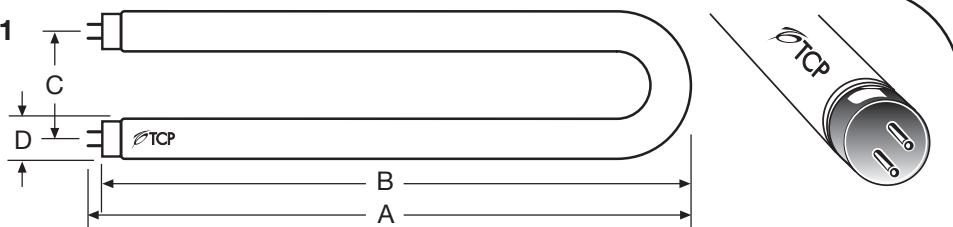


TCP Item Number: 31031835U1

Lamp code: FB31T8/835/1



Average Rated Life (hours) -----	20,000
TCLP Compliant -----	Yes
Mercury Content (mg) -----	8.0

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) -----	0.94
Base Center to Base Center (inches) (C) ---	1.625
Base Face to Top of Lamp (inches) (B) -----	22.325
Nominal Overall Length (inches) (A) -----	22.50

Photometric Characteristics

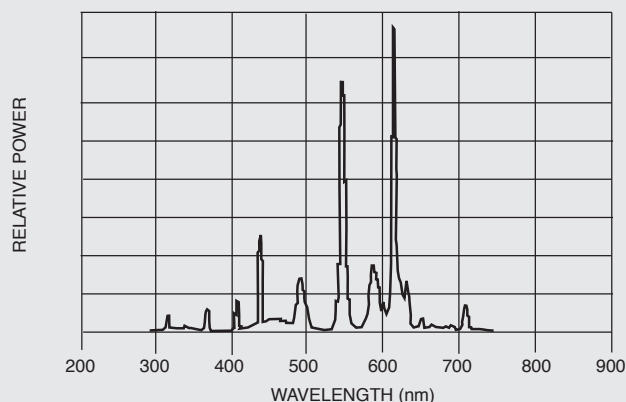
Initial Lumens -----	2750
Mean Lumens (40% of rated life) -----	2600
Correlated Color Temperature (Kelvin) -----	3500
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	89

Electrical Characteristics

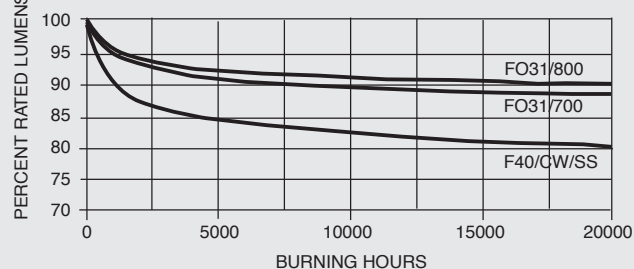
Lamp Watts -----	31
Nominal Lamp Volts -----	135
Nominal Lamp Operating Frequency (Hz) --	50-60 Hz
Min. Starting Lamp Voltage at 10°C -----	300
Filament Volts (V) -----	3.4
Max. Current Crest Factor -----	1.7

24 MONTH
STANDARD WARRANTY

Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality

