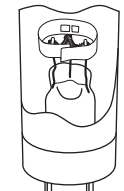
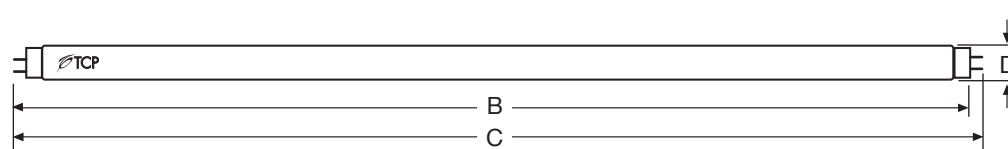


TCP Item Number: 31032850 Lamp code: F32T8/850



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) ----- 5000

Color Rendering Index (CRI) ----- 85

Normal Efficacy (Lumens/Watts) ----- 92

Electrical Characteristics

Lamp Watts ----- 32

Nominal Lamp Volts ----- 132

Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz

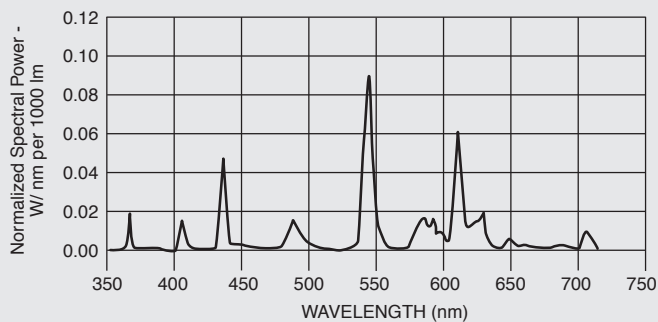
Min. Starting Lamp Voltage at 10°C ----- 300

Min. Cathode Resistance (Rh/Rc) ----- 4.25

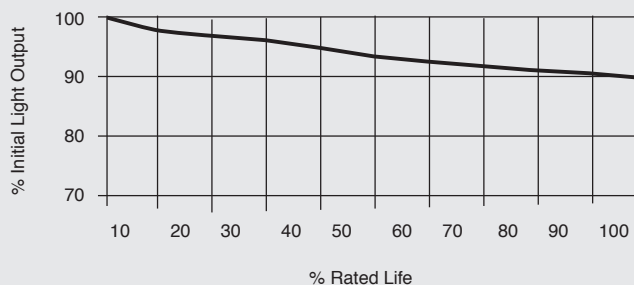
Max. Cathode Resistance (Rh/Rc) ----- 6.50

24 MONTH
 STANDARD WARRANTY

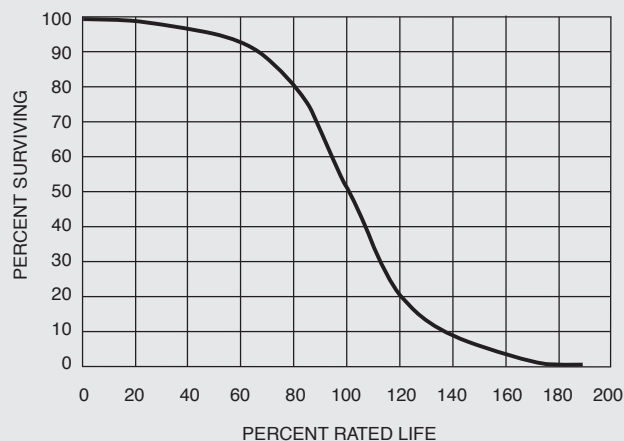
Spectral Power Distribution



Lamp Lumen Maintenance

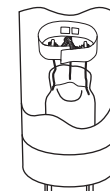
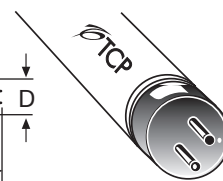
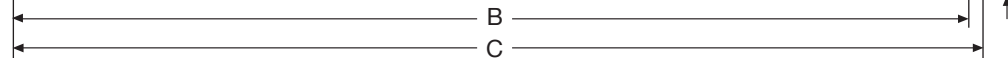


Typical Lamp Mortality



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

TCP Item Number: 31032850 Lamp code: F32T8/850



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

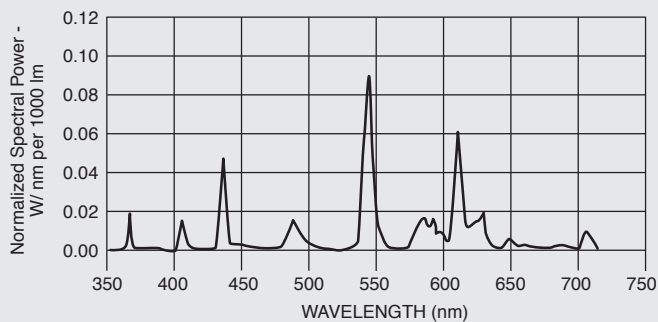
Initial Lumens -----	2950
Mean Lumens (40% of rated life) -----	2800
Correlated Color Temperature (Kelvin) -----	5000
Color Rendering Index (CRI) -----	85
Normal Efficacy (Lumens/Watts) -----	92

Electrical Characteristics

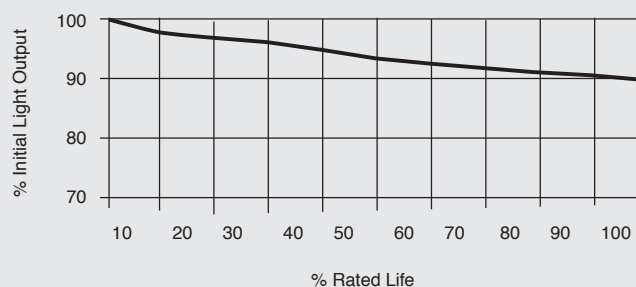
Lamp Watts -----	32
Nominal Lamp Volts -----	132
Nominal Lamp Operating Frequency (Hz) --	50-60 Hz
Min. Starting Lamp Voltage at 10°C -----	300
Min. Cathode Resistance (Rh/Rc) -----	4.25
Max. Cathode Resistance (Rh/Rc) -----	6.50

24 MONTH STANDARD WARRANTY

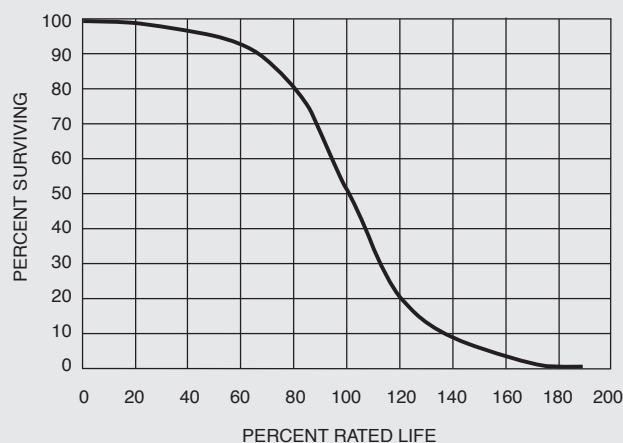
Spectral Power Distribution



Lamp Lumen Maintenance



Typical Lamp Mortality



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