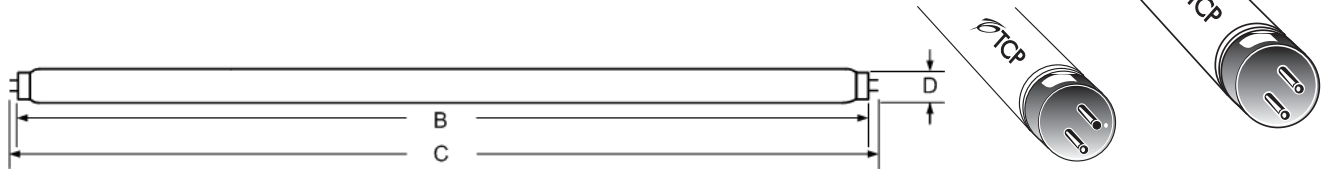


**TCP Item Number: 31028850** Lamp code: F28T8/850



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) ----- 5000

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

Normal Efficacy (Lumens/Watts) ----- 94.5

### Electrical Characteristics

Lamp Watts ----- 28

Nominal Lamp Volts ----- 122

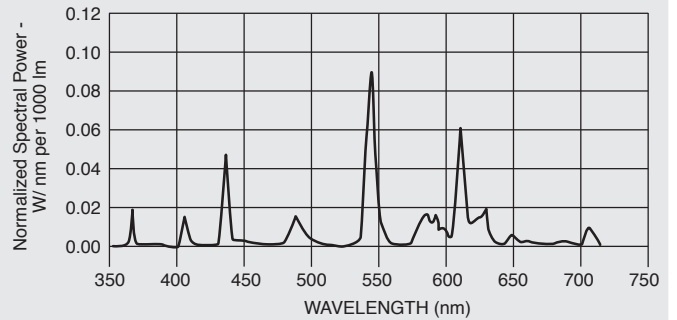
Nominal Lamp Operating Frequency (Hz) -- 50-60 Hz

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

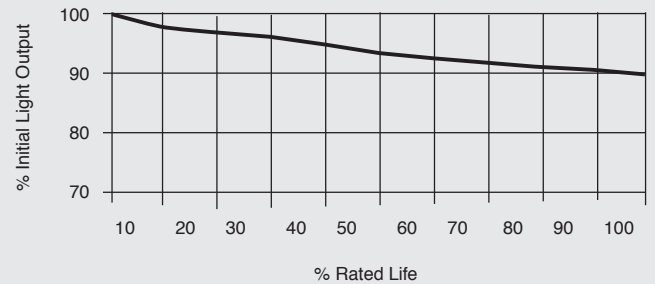
Min. Cathode Resistance (Rh/Rc) ----- 4.25

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

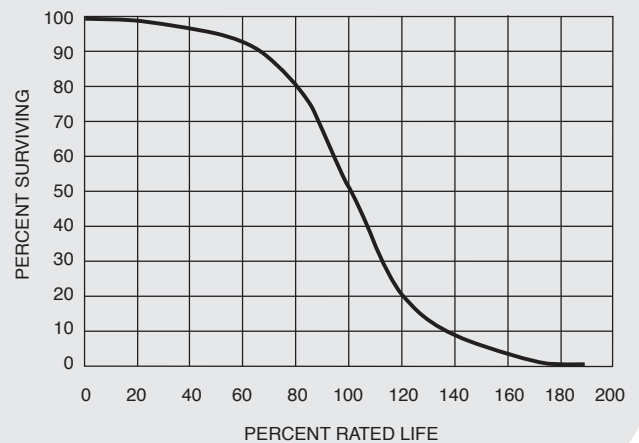
**Spectral Power Distribution**



**Lamp Lumen Maintenance**



**Typical Lamp Mortality**



**24** MONTH STANDARD WARRANTY