

# TECHNICAL INFORMATION BULLETIN

## T8 800 SERIES

### Ordering Information

Order code: 51169  
Description: F32T8/65K/8/RS/G13/STD ESV  
UPC: 69549011694  
Case quantity: 25



### Performance Data

Initial lumens (lm):	2 950
Mean lumens (lm):	2 800
Nominal efficiency (lm/W):	92
Wattage (W):	32
Colour temperature (K):	6 500
CRI:	85
Rated life on IS <sup>1</sup> ballast:	
Based on a 3 hour start	24 000
Based on a 12 hour start	30 000
Rated life on PS/PRS <sup>1</sup> ballast:	
Based on a 3 hour start	30 000
Based on a 12 hour start	36 000

IS=Instant Start PS=Program Start PRS=Program Rapid Start

<sup>1</sup> The life rating indicated is based on 3 hour burning cycles under specified conditions and with ballast meeting ANSI specifications.

### Lamp Characteristics

Shape: T8  
Base: Med Bipin  
Diameter: 1 in. (26 mm)  
Nominal length: 48 in. (1 220 mm)  
Starting method: Rapid Start (RS)  
TCLP compliant: Yes  
Phosphor composition: Triphosphor  
Cathode guard: Yes  
Nominal lamp operating frequency (Hz): 60  
<sup>2</sup> Minimum starting temperature (°C): -10

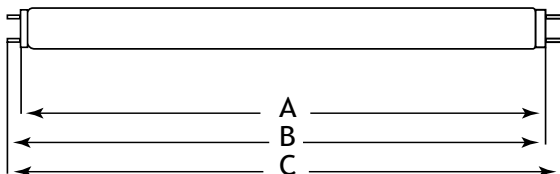
### Benefits

One system Lamp/Ballast Warranty.  
Extended lamp warranty from 2 to 3 years and ballast warranty from 3 to 5 years.



<sup>2</sup> The minimum starting temperature is a function of the ballast.  
The minimum starting temperature is based on a STANDARD brand T8 Instant Start ballast.

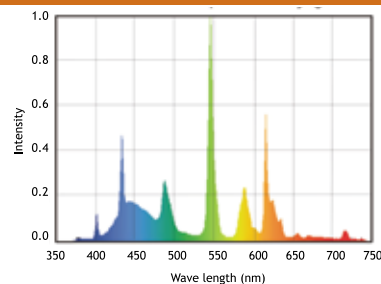
### Dimensions



<b>A</b> Max Base face to base face	<b>B</b> Min/B Max Base face to end of opposite face pin	<b>C</b> Max End of base pin to the end of opposite end
47.22 in. 1 199.4 mm	47.40 in./47.78 in. 1 203.9 mm/1 213.6 mm	47.67 in./47.78 in. 1 210.8 mm/1 213.6 mm

F32T8

### Spectral distribution



**STANDARD**<sup>TM</sup>  
LEADERS IN LIGHTING

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