

# TECHNICAL INFORMATION BULLETIN

## T8 U-BENT 800 SERIES

### Ordering Information

Order code: 58697  
 Description: FB31T8/41K/8/U1/PH/G13/STD  
 UPC: 69549586970  
 Case quantity: 20



### Performance Data

Initial lumens (lm): 2 750  
 Mean lumens (lm): 2 600  
 Nominal efficiency (lm/W): 89  
 Wattage (W): 31  
 Colour temperature (K): 4 100  
 CRI: 82  
 Average life (hrs): 20 000

<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 U-Bent  
 Base: Med Bipin  
 Diameter: 1 in. (26 mm)  
 Nominal length: 22 <sup>17</sup>/<sub>32</sub> in. (572 mm)  
 Starting method: Rapid Start  
 TCLP compliant: Yes  
 Phosphor composition: Triphosphor  
 Cathode guard: Yes  
 Nominal lamp operating frequency (Hz): 60  
<sup>2</sup> Minimum starting temperature (°C): -10  
 Operate on electronic ballasts

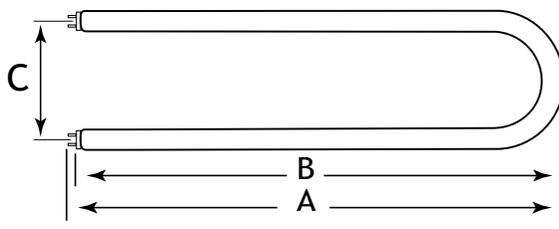
### Benefits

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



**A** Max Overall length  
**B** Max Base face to top of lamp  
**C** Max Leg spacing Center to center

FB31T8	22.6 in. 574.5 mm	22.38 in./22.61 in. 568.5 mm/574.5 mm	1.54 in./1.62 in. 40 mm/41.2 mm
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### Spectral distribution

