

TECHNICAL INFORMATION BULLETIN

T8 ENERGY SAVER 800 SERIES

Ordering Information

Order code: 56504
Description: F30T8/850HL/ES
UPC: 69549565043
Case quantity: 25



Performance Data

Initial lumens (lm):	2 900
Mean lumens (lm):	2 750
Nominal efficiency (lm/W):	97
Wattage (W):	30
Colour temperature (K):	5 000
CRI:	86
Rated life on IS ¹ ballast:	
Based on a 3 hour start	24 000
Based on a 12 hour start	30 000
Rated life on PS/PRS ¹ ballast:	
Based on a 3 hour start	40 000
Based on a 12 hour start	42 000

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

¹ 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
² Minimum starting temperature (°C): -10

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

Benefits

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

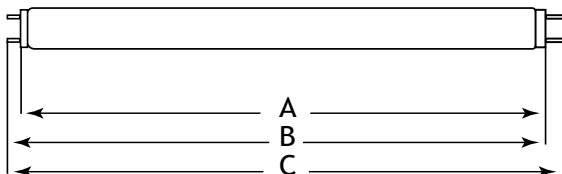


Application Notes

- Recommended usage on T8 F32 Instant Start ballasts with a minimum circuit starting voltage of 550 V rms.
- Not recommended to be used on:
 - Rapid Start ballast unless the open circuit voltage is greater than 550 V;
 - Lamp ambient temperatures below 60 degree F or in drafty locations;
 - Dimming ballasts;
 - Inverter-operated emergency lighting systems.
- Fixture must conform to ANSI specifications.

Please note: The above applies unless any of the equipment is specifically listed for 25, 28 and 30 watt lamps. Any of the situations previously stated could result in lamp starting and stabilization problems, or system compatibility issues.

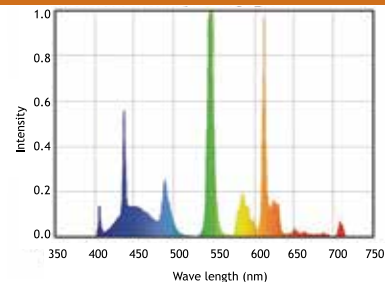
Dimensions



A Max Base face to base face	B Min/B Max Base face to end of opposite face pin	C 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

F30T8

Spectral distribution



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LEADERS IN LIGHTING

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