



F28T8 Vi-Tek 93[®] ELS

The brightest natural-daylight-simulating
fluorescent lamps on the market

Product Number: HH9320

Order Abbreviation: F28T8VITEK93+ ELS

General Description: 28W , 48" MOL, T8 Extended Performance fluorescent lamp, 6700k color temperature rare earth phosphor, 93 CRI, suitable for IS or RS operation, TCLP compliant. USA Made.

Product Information

Abbrev. With Packing Info.	F28T8VITEK93+
Actual Length (in)	47.78
Actual Length (mm)	1213.6
Rated Life (hr)	70,000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	93
Color Temperature/ CCT (k)	6700
Diameter (in)	1.10
Diameter (mm)	27.9
Family Brand Name	VITEK93+
Initial Lumens at 25C	2880
Mean Lumens at 25C	2730
Nominal Length (in)	48
Nominal Wattage (w)	28.00
Warranty	60 Months
With Extended Warranty	84 Months

- The 70,000 hour rated life of the linear, 4 foot F28T8VITEK93+ lamp is based on operation at 12 hours per start on a instant start ballast. Operation on a 3 hour per start rated life is 47,000 hours.
- Approximate initial lumens after 100 hours of operation on HBF ballast.
- The life ratings of fluorescent lamps are based on 12 hr. burning cycles under specified conditions and with ballast meeting ANSI specifications. If burning cycle is increased, there will be a corresponding increase in the average hours of life.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- Lamps should be operated only with magnetic rapid start ballasts designed to operate 265 mA, T-8 lamps or high frequency (electronic) ballasts that are either instant start, or rapid start, or programmed rapid start specifically designed to operate T8 lamps. Lamps may be operated on instant start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage. When lamps are operated in the instant start mode, the two wires or two contacts of each socket should be connected to each other. They should then be connected to the appropriate ballast lead wire using National Code techniques. F28T8VITEK93+ fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states. TCLP test results are available upon request.
- The lamp lumen maintenance factor used to determine the mean lumen value was 95%.

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