

Long Lamps

For bigger signs or longer letters, Voltarc’s fluorescent sign long lamps reduce the number of wiring components, sockets and ballasts, while streamlining the construction process to achieve real savings compared to systems that use conventional shorter lamps. Installing 9- or 10-footers translates into fewer parts, fewer outages and less overall maintenance – adding to performance quality and cost-efficiency.

Big Signs Need Big Fluorescent Sign Lamps

Any time longer sign lamps would substantially reduce the number of lamps needed for a large sign, Voltarc’s 9-foot and 10-foot sign lamps provide the best value and performance and can be used like every other straight high-output fluorescent lamp.

The ballast should carry up to four F108, F117, F120T12/H0 lamps – offered by all sign ballast makers. The sign-maker should provide starting aids to help in reliable lamp starting when temperatures are low or humidity is high. For double faced signs, a grounded strip of metal stretched the length of the lamp serves as the starting aid; ½ “ wide and ½” away or ¼” wide, ¼” away are acceptable. For single-faced signs, the metal cabinet back will normally serve the purpose.

Voltarc XtraLong™ High Output (H0) Lamps, 9-Foot & 10-Foot Fluorescent Sign Lamps

Cool White Part #	Description	Day Light Part No.	Description	DSN50 Part No.	Description
13075	F108T12/CW/H0	13077	F108T12/D/H0	13076	F108T12/DSN50/H0
13081	F117T12/CW/H0	13083	F117T12/D/H0	13082	F117T12/DSN50/H0
13088	F120T12/CW/H0	13090	F120T12/D/H0	13089	F120T12/DSN50/H0

¹ Packaged 12 lamps/carton

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Lamp Designation ²	Nominal Length including Sockets	Actual Length between Sockets	Lamp Watts	Rated ³ Life (hrs.)	Lumens ¹ Cool White	Shipping Weight
F108T12/H0	108”	105 3/16 “	124	12,000	10,200	12
F117T12/H0	117 “	114 3/16 “	132	12,000	11,200	12
F120T12/H0	120 “	117 3/16 “	135	12,000	11,500	12

¹ Normal Lumen Rating: Daylight, 83% of Cool White, DSN50, 70% of Cool White. Ratings

are approx. initial lumens at 100 hrs.

² Ballasts: Ballasts for 1,2,3 or 4 XtraLong straight lamps available from several manufacturers.

³ Rated Life: The rated life" of a statistically large group of lamps is defined as the time when 50% of the lamps have failed and 50% have survived. This is based on 3 hours of operation per start.