

Voltarc Lamps



Midwest is pleased to offer classic high output Voltarc fluorescent sign lamps - Voltarc lamps offer exceptional value, with life ratings as high as 60,000 hours and a far lower cost of operation over their lifetime than traditional T12 HO fluorescent sign lamps.

From long lamps, U-lamps, and standard sign lamps to custom-configuration fluorescent lamps, Voltarc is prepared to meet the needs of sign-makers and service providers with a wide variety of fluorescent sign lamp technology.

TriLight Max™ Fluorescent Sign Lamps

The TriLight Max series of fluorescent lamps in conjunction with Voltarc's Long Life™ technology uses high-quality tri-band phosphors to yield exceptional color rendering for maximum lumen output and maintenance performance.

The T8 TriLight Max fluorescent lamps have 60,000 hours of rated useful life – a life expectancy six times greater than standard T12 HO lamps and up to 40% more efficient. The T12 TriLight Max lamps have 50,000 hours of rated useful life with 25 percent greater efficiency. Using TriLight Max T8HO and T12HO lamps means fewer lamp replacements and greatly reduced service calls.



TriLight Max (T8 and T12)					
Lamp (T8) Description	Lamp (T12) Description	Max (T8 and T12) Overall Length	Nominal Length	Cool White k/Cri	Day Light k / Cri
F18T8 xx/HO/RDC	F18T12 xx/HO/RDC	15.91"	18"	4100 / 85	6500 / 85
F24T8 xx/HO/RDC	F24T12 xx/HO/RDC	21.91"	24"	4100 / 85	6500 / 85
F30T8 xx/HO/RDC	F30T12 xx/HO/RDC	27.91"	30"	4100 / 85	6500 / 85
F36T8 xx/HO/RDC	F36T12 xx/HO/RDC	33.91"	36"	4100 / 85	6500 / 85
F42T8 xx/HO/RDC	F42T12 xx/HO/RDC	39.91"	42"	4100 / 85	6500 / 85
F48T8 xx/HO/RDC	F48T12 xx/HO/RDC	45.91"	48"	4100 / 85	6500 / 85
F58T8 xx/HO/RDC	N/A	59.00"	58"	4100 / 85	6500 / 85
F60T8 xx/HO/RDC	F60T12 xx/HO/RDC	57.91"	60"	4100 / 85	6500 / 85
F64T8 xx/HO/RDC	F64T12 xx/HO/RDC	61.91"	64"	4100 / 85	6500 / 85
F72T8 xx/HO/RDC	F72T12 xx/HO/RDC	69.91"	72"	4100 / 85	6500 / 85
F84T8 xx/HO/RDC	F84T12 xx/HO/RDC	81.91"	84"	4100 / 85	6500 / 85
F96T8 xx/HO/RDC	F96T12 xx/HO/RDC	93.91"	96"	4100 / 85	6500 / 85
N/A	F108T12 xx/HO/RDC	105.91"	108"	4100 / 85	6500 / 85
N/A	F117T12 xx/HO/RDC	114.91"	117"	4100 / 85	6500 / 85
N/A	F120T12 xx/HO/RDC	117.91"	120"	4100 / 85	6500 / 85

xx = color (CW for Cool White and D for Daylight)

Kulka RDC Sockets

530.1K™ & 530.2K™ Series Snap-In Lampholders

582.GDF™ & 583.GDF™ Series Lampholders

UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Rating: 660 Watts, dual rated 600V or 1000V.



Completely isolates the face of the socket from the ground. No metal clips means no corrosion or electrical grounding. The Socket Sentry™ protective shield for lamp base and lampholder when installed on the bottom of a vertically installed T12 fluorescent lamp with a Kulka 582/583 Series lampholder will provide a shield of the lampglass, lampbase and lampholder electrical connection from water-spray, condensation, leakage and dust.

U-lamps

Many applications present challenges in sign-making, but you can meet the challenge with high-performing U-lamps. For large letters, Voltarc U-lamps give shadowless lighting in curved areas and can be used in combination with straight lamps. For irregular shapes and odd-shaped frames – anything from a large letter “M” to a cowboy hat to a giant cactus – Voltarc U-lamps provide precise illumination.

TUFBEND® U-Lamps (6” and 9” Leg Spacing)

Cut your labor and material costs up to 50 percent with the tough, heavy wall glass and patented stabilizing brace found in TUFBEND® U-Lamps. Odd shapes, protrusions, small areas, corners, angles, curved faces and other hard-to-light areas are no problem with U-lamps, and the TUFBEND® U-lamp’s bent ends fill space that might otherwise require the installation of straight lamps, making fabrication and service more difficult.



6” TUFBEND U-Lamps				
6” Cool White Description	6” Day Light Description	6” Lamp Designation	Nominal Bent Length	Actual Bent Length to Socket
FTU6-24T12/CW/HO	FTU6-24T12/D/HO	FTU6-24T12/HO	12”	10 1/2”
FTU6-36T12/CW/HO	FTU6-36T12/D/HO	FTU6-36T12/HO	18”	16 1/2”
FTU6-48T12/CW/HO	FTU6-48T12/D/HO	FTU6-48T12/HO	24”	22 1/2”
FTU6-60T12/CW/HO	FTU6-60T12/D/HO	FTU6-60T12/HO	30”	28 1/2”
FTU6-72T12/CW/HO	FTU6-72T12/D/HO	FTU6-72T12/HO	36”	34 1/2”
FTU6-84T12/CW/HO	FTU6-84T12/D/HO	FTU6-84T12/HO	42”	40 1/2”
FTU6-96T12/CW/HO/CT	FTU6-96T12/D/HO/CT	FTU6-96T12/HO/CT	48”	46 1/2”
FTU6-120T12/CW/HO	FTU6-120T12/D/HO	FTU6-120T12/HO	60”	57”

9” TUFBEND U-Lamps				
9” Cool White Description	9” Day Light Description	9” Lamp Designation	Nominal Bent Length	Actual Bent Length to Socket
FTU9-36T12/CW/HO	FTU9-36T12/D/HO	FTU9-36T12/HO	18”	15 13/16”
FTU9-48T12/CW/HO	FTU9-48T12/D/HO	FTU9-48T12/HO	24”	21 13/16”
FTU9-60T12/CW/HO	FTU9-60T12/D/HO	FTU9-60T12/HO	30”	27 13/16”
FTU9-72T12/CW/HO	FTU9-72T12/D/HO	FTU9-72T12/HO	36”	33 13/16”
FTU9-84T12/CW/HO	FTU9-84T12/D/HO	FTU9-84T12/HO	42”	39 13/16”
FTU9-96T12/CW/HO/CT	FTU9-96T12/D/HO/CT	FTU9-96T12/HO/CT	48”	45 13/16”
FTU9-120T12/CW/HO	FTU9-120T12/D/HO	FTU9-120T12/HO	60”	56 13/16”

TUFStraight® HO and XtraLong Fluorescent Lamps

Ideal for the commercial display and sign markets, and most freezer/cold-box fixtures and back lighting applications, TUFStraight® HO (high output) fluorescent sign lamps are excellent for use in rough service applications. Made to industry standard length, Voltarc high output (HO) fluorescent sign lamps are available in all common sizes from F18 to F120 in Cool White and Daylight.

TUFStraight® and XtraLong fluorescent lamps are well suited for use in the commercial display sign markets for indoor and outdoor applications and for most freezer or cold-box fixtures, as well as general lighting applications.



TUFStraight HO Fluorescent Lamps				Cool White	Day Light
Cool White Description	Daylight Description	Maximum Overall Length	Nominal Length	k / CRI	k / CRI
F18T12/CW/HO	F18T12/D/HO	15.91"	18"	4100 / 62	6500 / 74
F24T12/CW/HO	F24T12/D/HO	21.91"	24"	4100 / 62	6500 / 74
F30T12/CW/HO	F30T12/D/HO	27.91"	30"	4100 / 62	6500 / 74
F36T12/CW/HO	F36T12/D/HO	33.91"	36"	4100 / 62	6500 / 74
F42T12/CW/HO	F42T12/D/HO	39.91"	42"	4100 / 62	6500 / 74
F48T12/CW/HO	F48T12/D/HO	45.91"	48"	4100 / 62	6500 / 74
F60T12/CW/HO	F60T12/D/HO	57.91"	60"	4100 / 62	6500 / 74
F64T12/CW/HO	F64T12/D/HO	61.91"	64"	4100 / 62	6500 / 74
F72T12/CW/HO	F72T12/D/HO	69.91"	72"	4100 / 62	6500 / 74
F84T12/CW/HO	F84T12/D/HO	81.91"	84"	4100 / 62	6500 / 74
F96T12/CW/HO/CT	F96T12/D/HO/CT	93.91"	96"	4100 / 62	6500 / 74
F108T12/CW/HO	F108T12/D/HO	105.91"	108"	4100 / 62	6500 / 74
F117T12/CW/HO	F117T12/D/HO	114.91"	117"	4100 / 62	6500 / 74
F120T12/CW/HO	F120T12/D/HO	117.91"	120"	4100 / 62	6500 / 74



*Big Signs Need
Big Fluorescent Sign 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.

**Voltarc - longer life expectancy for fewer service calls and replacements.
Contact your Midwest Representative for more information!**

MINNESOTA
800-328-6592

CALIFORNIA
800-824-2468

MIDWEST
Sign & Screen Printing Supply Co.

COLORADO
800-332-3819

MISSOURI
800-233-3770

NEBRASKA
800-228-3839

OREGON
800-228-0596

UTAH
800-497-6690

WASHINGTON
800-426-4938

WISCONSIN
800-242-7430



www.midwestsign.com
estore.midwestsign.com



Voltarc®