



VOLTARC
MASONLITE



TriLightmax™

T8 Long Life

60,000 Hours Rated Useful Life

Based on a 12 hour switching cycle, Voltarc TriLight Max T8 lamps have a life expectancy of up to 6 times greater than standard T12 HO lamps.

Reduced Service Calls

Up to 40% more efficient, up to 6 times longer rated life than standard T12 HO lamps equals fewer lamp replacements, saving you thousands on service calls.

Color Temperatures & Rendering

High quality tri-band phosphor:
4100 K Cool White (85 CRI), 5000 K (90 CRI),
and 6500 K Day Light (85 CRI).

TriLight Max yields maximum lumen output, with maximum color rendering and the maximum phosphor maintenance for maximum performance.

Environmentally Friendly

Longer rated life, fewer replacements,
fewer service runs, fewer lamps to recycle.



Industry Standards

Lamps are built with the signmaker and serviceman in mind and made to the same lengths as standard T12 HO lamps to fit your existing systems.

Bases and Sockets

TriLight Max is made with recessed double contact (RDC) end caps making retrofitting to industry standard spacing easy with Kulka RDC lampholders, and ensuring safety and reliability.

Ballasts

Compatible with most currently available electronic warm start sign ballasts to provide maximum rated useful life, and low temperature starting as low as -20°C.

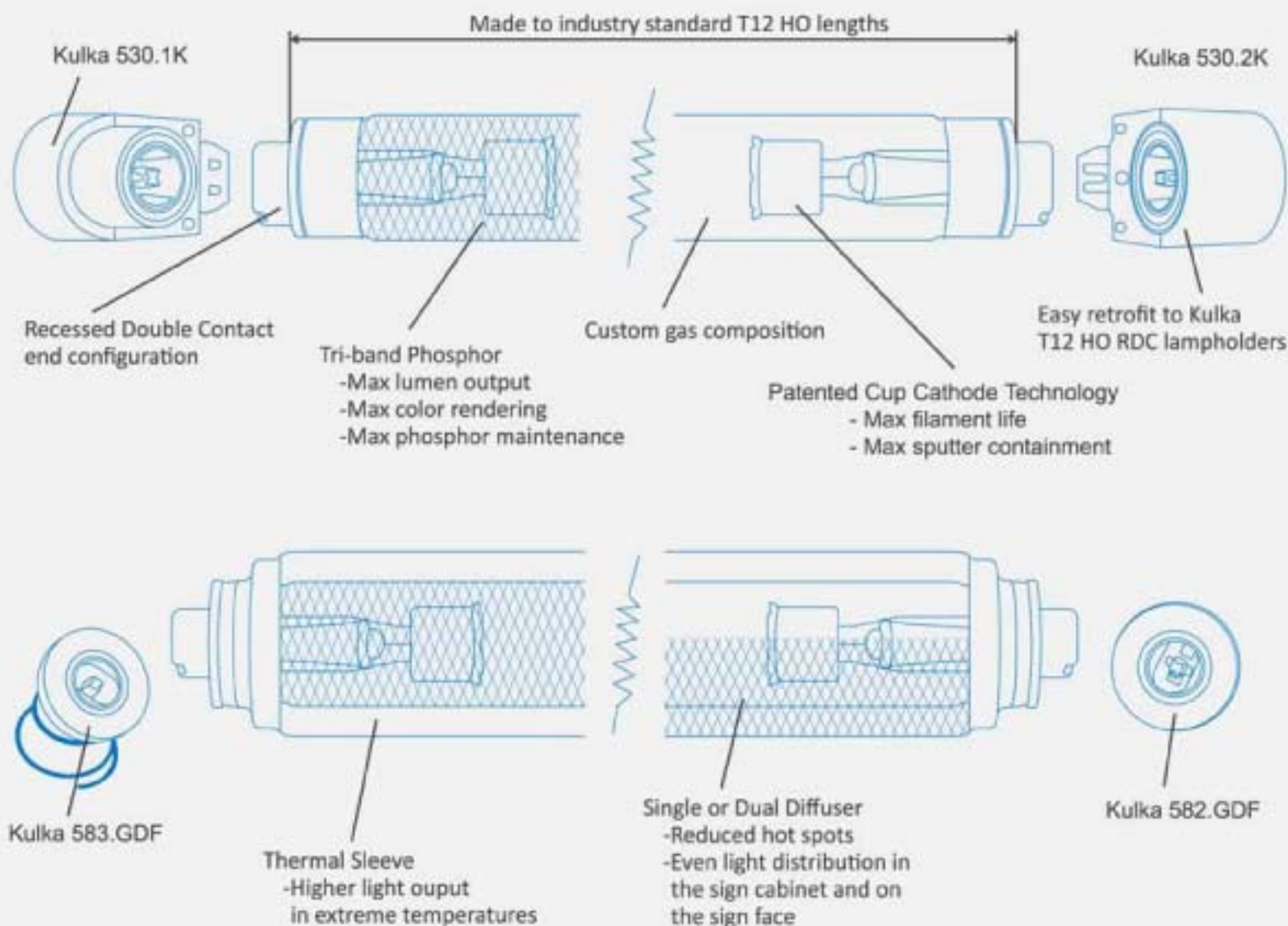
Energy Efficient

Using electronic ballasts with our tri-band phosphor and unique and patented Cup Cathode Technology provides up to 40% more efficiency.

Warranty

6 years rated useful life with Kulka® lampholders and approved electronic warm start ballasts with 12 hour switching cycle. Shorter operating cycles are not covered by this warranty.

Voltarc TriLight Max T8 Long Life Lamps



Kulka Lampholders



Kulka 582.GDF



Kulka 583.GDF

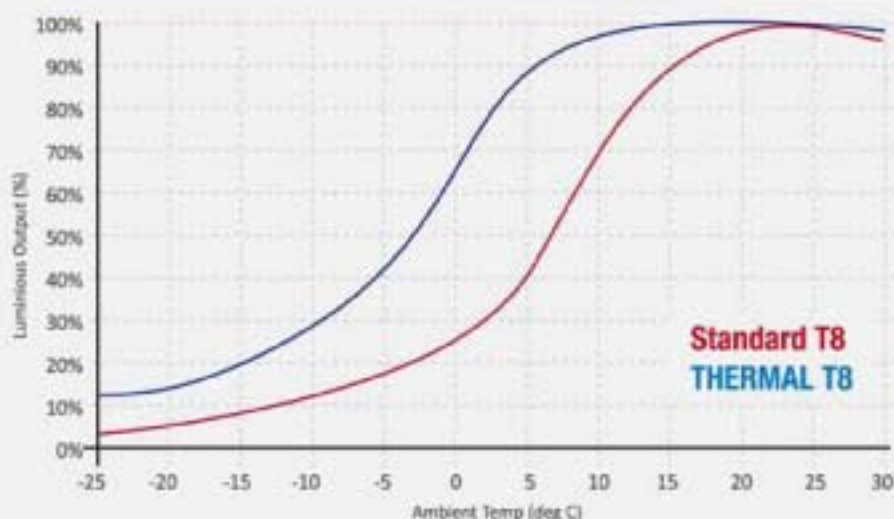


Kulka 530.1K



Kulka 530.2K

Cold Climate Thermal Lamps



Voltarc TriLight Max Thermal lamps are designed specifically for low temperature operation. The unique construction includes a Long Life Fluorescent Lamp enclosed in an outer glass tube.

The outer glass tube provides thermal insulation from the ambient environment which results in outstanding high light output at low temperatures. At -20°C, Voltarc Thermal and Thermal Diffused lamps produce up to five times more light than standard lamps under the same ambient temperature conditions.

TriLight Max Thermal lamps when operated at -25°C will reach 100% full brightness in approximately 15 minutes.

Cold Climate Thermal Diffused lamps



TYPE A

Single or Dual Diffuser Parallel to Pins



TYPE B

Dual Diffuser Perpendicular to Pins

Our diffuser technology helps to evenly disperse the light inside the sign cabinet and eliminate bright spots for single or double faced signs.



Ordering Information

Example: F24T8CW/841/HO/CC/DIFFUSED-TYPE A

Lamp Length	Color Temperature	Watts†	Color / CRI	MOL	Diffuser Options
F24T8	CW/841/	17	Cool White / 85CRI	21.91"	DIFFUSED-TYPE A
F30T8	5000/950/	21	Max 5000 / 90CRI	27.91"	DUAL DIFFUSED-TYPE A
F36T8	DL/865/	25	Day Light / 85CRI	33.91"	DUAL DIFFUSED-TYPE B
F42T8		30		39.91"	THERMAL NON-DIFFUSED
F48T8		35		45.91"	
F58T8		58		59"	
F60T8		44		57.91"	
F64T8		48		61.91"	
F72T8		53		69.91"	
F84T8		62		81.91"	
F96T8		73		93.91"	

Also available Voltarc TriLight standard life (18,000 hours) lamp.

Voltarc TriLight Max T8 Long Life lamps are available from 2 feet to 8 feet, in industry standard T12 HO lengths.

†Lamp Wattage is based on nominal 315 mA +/- 5% operating current. Lamp operating current range 265 - 465 mA

For a complete product listing please visit our website, <http://www.voltarc.com>.



TriLightmax™ T8 Long Life



Cup Cathode Technology

Unique design. Quality manufacturing.

Voltarc lighting engineers have designed a unique cathode construction which provides extremely long electrical life while preventing filament emission coating sputter from entering the arc stream and contributing to lumen depreciation. The TriLight Max filament assembly fully encloses the filament with a patented protective shield called Cup Cathode Technology. Combined with our custom blended high maintenance, high color rendering index (CRI) tri-band Cool White, Daylight, or 5000 K phosphor you get lamp performance up to 60,000 hours!

Thermal and Thermal Diffused Lamps

Using the TriLight Max lamps as a building block, we designed the TriLight Max Thermal and Thermal Diffused lamps for cold operating environments. The TriLight Max Thermal lamp encapsulates the T8 lamp in a T12 sleeve providing a thermal insulation for the fluorescent tube to reach full brightness. For those new or retrofit applications where a more even distribution of light in the sign cabinet is required, TriLight Max is available with a single or dual diffused coating inside the T12 sleeve. The diffused sleeve provides the same benefits as the Thermal lamp while softening the light to prevent hot spots on the sign surface.



Retrofitting

Unlike any other manufacturer

Whether you are building, designing, or retrofitting an existing sign, you will find it easy to incorporate TriLight Max into your signage program. Unlike other manufacturers that specialize in general lighting, Voltarc lamps are built with the signmaker and serviceman in mind and are made to the same industry lengths as standard T12 HO lamps. They are designed with recessed double contact (RDC) end caps so lampholder change out is not necessary. TriLight Max T8 RDCs are designed to operate on the most popular electronic ballasts, making new construction and changeover now a simple process. For more information contact your Voltarc representative.

Bases and Sockets

Recessed double contact construction provides ease of use, safety, reliability and retrofitting in industry standard spacing with Kulka 530, 582-583 series lampholders.



Applications

Indoor and outdoor signage, advertising displays, exhibits, point of purchase displays, retail lighting, architectural, building fascia, warehouse and hard to lamp places.

