



# T12 Long Life

## 50,000 Hours Rated Useful Life

Based on a 12 hour switching cycle, with an electronic warm start ballast, the rated useful life of the TriLight Max T12 lamp is up to 5 times greater than standard T12 high output lamps.

## Reduced Service Calls

25% more efficient, up to 5 times longer rated life than standard T12 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 high output lamps to fit your existing systems. Available in F18 to F120! TriLight Max *XtraLong*® and **TUFEND**® U-lamps available upon request.

## RDC Bases

TriLight Max is made with recessed double contact end caps for easy retrofit with Kulka RDC lampholders for ease of use, safety and reliability.

## Ballasts

Compatible with most magnetic and electronic sign ballasts. When used with an electronic warm start ballasts provides up to 25% greater efficiency.

## Energy Efficient

Using electronic ballasts with our tri-band phosphor and unique and patented Cup Cathode Technology provides 25% more efficiency.

## Warranty

5 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.





# TriLightmax™ T12 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 50,000 hours!



Cup Cathode

## Bases and Sockets

Lamps are made with recessed double contacts to provide ease of use, safety, reliability and allow retrofitting to industry standard spacing.



## Applications

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



## Direct Retrofitting

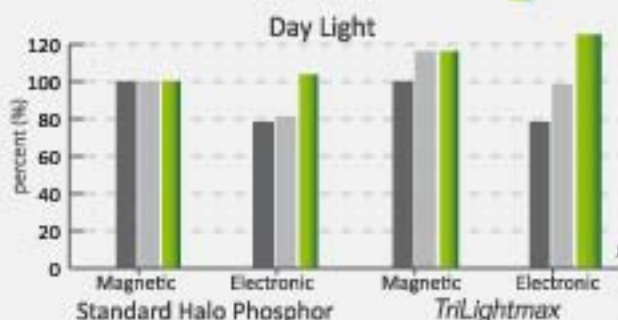
Unlike any other manufacturer

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. TriLight Max lamps are designed with recessed double contact (RDC) end caps, and operate on the most popular electronic and magnetic ballasts; making new construction and changeover now a simple process. For more information contact your Voltarc representative.

### TriLight Max T12 efficiency vs. Standard Halo Phosphor CW and DL lamps

Lamp current with magnetic ballast 600mA.  
Lamp current with electronic ballast 315mA.

■ Watts  
■ Lumens  
■ LPW



up to 25% greater efficiency

