Aura supplies Long Life light sources and lighting solutions. With a lifetime that is at least three times longer, you can reduce your maintenance and environmental impact to a third. With our T8 ECO SAVER and Eco solutions you can also reduce your energy consumption dramatically, thus reducing your energy costs and carbon footprint even further.

Aura ULTIMATE US
LONG LIFE
the ultimate lighting solution

Aura ULTIMATE US Long Life fluorescent lamp is the result of intensive research and continuous development efforts. The underpinning for all Aura Light T8 lamps, the ULTIMATE US, is a tri-phosphor fluorescent lamp that offers greater service life - Average rated lifetime of 75,000 hours.

- Nearly 10 years* of maintenance-free illumination
- Over 5 million lamps installed throughout Europe and North America over the last 15 years.
- Color rendering index of 80-85 CRI
- Variety of styles to meet the needs of the most demanding applications

* Based on daily cycling of 12 hour duration per start using Aura ULTIMATE US Long Life Instant start T1 Series ballasts.

ULTIMATE US gives you the lowest possible operating costs for your lighting installation. It enables you to make big savings in areas with high ceilings or difficult access to luminaires, or where a production stop to replace lamps is expensive. ULTIMATE US gives you better control of your replacement costs and makes it easier to schedule lamp group replacement.
Applications
Wherever a Long Life solution is an advantage, especially in environments with high ceilings, hard to reach luminaires or cost intensive replacement areas.

Aura ULTIMATE is available in several versions – all with the same cost-effective burning time. In close partnership with customers in various sectors, we have designed special versions for different applications – e.g. signage and cold, dirty or sensitive environments.

Specifications
ULTIMATE US is developed based on our patented cathode shield construction. This design provides a unique fluorescent lamp with an exceptional long service life combined with an improved end-of-life protection against overheating.

Aura ULTIMATE US has the same characteristics for electrical operation and light technical data compared to other T8 (26 mm) fluorescent lamps. The ULTIMATE US range is designed for operation with electronic ballast (preferably warm start) and magnetic ballast with starter.

Aura ULTIMATE is a high colour rendering tri-phosphor lamp (Ra 85) and is available in several different colours to suit every situation.

The ULTIMATE US T8 lamp is a high color rendering index of 85 for excellent color rendering. The ULTIMATE US is TCLP Compliant and each lamp contains less than 5 mg of mercury (hg). Relamp cycles of more than 8 years (saving 2-3 relamps) reduce the number of lamps requiring disposal or recycling, minimizing the impact on the environment.

Patented technology
The design of the ULTIMATE US T8 lamp insures extra Long Life, employing a patented cathode shield and mica disc to prevent sputtering that would reduce life. A patented protection layer protects the tri-phosphor coating.
- Patented cathode shield with mica disc
- Patented protection layer
- Optimized tri-phosphor coating
- Precision processing
- High pure lamp gases
- Exact pressure and mixture
Lifetime
In installations where lamp replacement is difficult and cost intensive, the long running time of Aura Long Life lamps gives more cost effective lighting maintenance and improved long term planning for group replacement. Group replacement of fluorescent lamps provides an optimal control of the operational costs and a uniform level of light.

For economical and environmental reasons Aura recommends group replacement of Long Life fluorescent lamps.

Long Life Guarantee
The Aura Long Life fluorescent lamps are manufactured in accordance with relevant standards. Continuous strict quality control processes ensure Long Life lamps of high quality.

Aura guarantees the published lifetime of the Long Life fluorescent lamps for installations that comply with their relevant standards.

<table>
<thead>
<tr>
<th>ART.NO.</th>
<th>TYPE</th>
<th>COLOUR</th>
<th>COLOUR TEMP (K)</th>
<th>LUMINOUS FLUX (lm/100h)</th>
<th>LUMINOUS EFFICACY (lm/W)</th>
<th>BULB</th>
<th>LENGTH WITHOUT PINS (inch)</th>
<th>PACK UNITS (pcs)</th>
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