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

High Bay

Retail

Plant & Warehouse

Archtectural

Medical

Institutional

General Lighting

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 TL 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.

AURA
THE ORIGINAL LONG LIFE LIGHT

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 catode shield with mica disc
- Patented protection layer
- Optimized tri-phosphor coating
- Precision processing
- High pure lamp gases
- Exact pressure and mixture

Cost-effective lighting is important in all production facilities, where ceilings are high and it is expensive to stop production. That is why Tetra Pak Produktions GmbH in Berlin use Aura Long Life lamps.

Clear Channel has 25.000 outdoor advertising displays all over Sweden, illuminated by Aura Long Life fluorescent lamps.

Cerealia make sure of the highest quality in production by using safe and economical Aura *ULTIMATE PROTECTOR* in their premises.

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.

LIFETIME	SWITCHING CYCLE	ELECTRONIC BALLAST (INSTANT START)
	12 h 10% mortality rate	60.000 h
	Average	75.000 h

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.

PROGRAMME	ART.NO.	TYPE	COLOUR	COLOUR TEMP (K)	LUMINOUS FLUX (lm/100h)	LUMINOUS EFFICACY (lm/W)	BULB	LENGTH WITHOUT PINS (inch)	PACK UNITS (pcs)
	Aura ULTIMATE US Long Life, Outer tube 26 mm diameter/T8 bulb (Cap: G13)								
	455318	17W/835	Warm White	3500	1400	82	T8	23,22	30
	455314	17W/841	White	4100	1400	82	T8	23,22	30
	455328	25W/835	Warm White	3500	2250	90	T8	35,22	30
	455324	25W/841	White	4100	2250	90	T8	35,22	30
	455338	32W/835	Warm White	3500	3100	96	T8	47,22	30
	455334	32W/841	White	4100	3100	96	T8	47,22	30
	455348	40W/835	Warm White	3500	3800	95	T8	59,05	30
	455344	40W/841	White	4100	3800	95	T8	59,05	30

AURA
THE ORIGINAL LONG LIFE LIGHT

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Printed on recycled paper. 2010-12