

Aura develops and supplies Long Life light sources and lighting solutions with a clear environmental and sustainable focus. With a lifetime that is at least three times longer than standard products, both maintenance and environmental impact are reduced by two thirds. With Aura's energy-saving lighting solutions the energy consumption can be cut by 40-80 percent, reducing both energy costs and the carbon footprint.



Aura T5 ECO SAVER

LONG LIFE

energy saving and environmentally friendly lighting

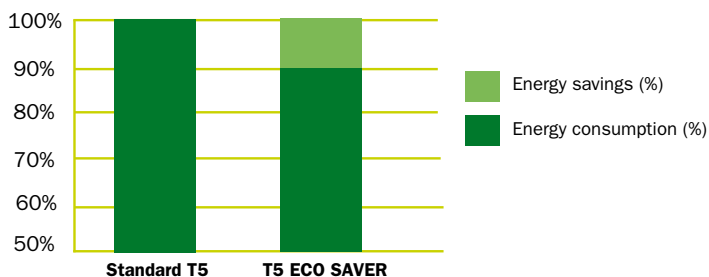


The Aura T5 ECO SAVER Long Life is the latest addition to the Aura range of Energy Saving Long Life lamps. Besides offering the benefits of a Long Life lamp, it provides you with 10% energy saving.

By combining Long Life with those savings, we offer you the most environmentally friendly T5 lamp on the market. Based on our proven Long Life concept, the T5 ECO SAVER lasts three times longer than any standard T5 lamp. You reduce your energy cost by 10% and your maintenance cost by two thirds; resulting in a considerable reduction of your carbon footprint as well.

Due to the fact that the T5 ECO SAVER is constructed like a normal T5 lamp with the same light output, dimensions and cap, it can simply be fitted in your existing T5 installation - without any extra installation cost or compromise in illuminance levels.

SAVINGS EXAMPLE AURA T5 ECO SAVER LONG LIFE



Ware houses

Car parks

Shops

Shopping malls

Super markets

Hotels

Train stations

Offices

The Aura T5 ECO SAVER Long Life is developed within the framework of Aura's well known Long Life fluorescent lamps. All our constructions are based on the patented cathode shield and a protection layer inside the glass tube to minimize the lumen depreciation process. Thus, offering you an extended lifetime that saves you two out of three replacements.

Specifications

Aura T5 ECO SAVER Long Life is suitable for operation in luminaires where a higher temperature level could occur. In compact luminaires or when closed by a cover the temperature inside such a luminaire could raise to more than +50°C. Therefore, the new T5 ECO SAVER provides a perfect solution, especially in applications where a reduction in energy consumption and maintenance costs is essential.

As a result of Aura's continuous improvement process, components of highest quality are used in the T5 ECO SAVER ensuring energy saving, long lifetime and high illuminance.

This tri-phosphor fluorescent lamp is available in colours 830 Warm white and 840 White. The colour rendering remains at the high level of Ra 85.

In order to achieve the energy savings, the lamp has to be run with current-controlled electronic ballast. When operated with power-controlled gear the T5 Eco Saver does not provide 10% energy saving, instead its light output increases by 10%.

The Aura T5 ECO SAVER lamp can be dimmed.

Lifetime

Operated with an electronic ballast the lifetime of Aura T5 ECO SAVER Long Life is 58 000 hours based on a 12 hour operation cycle as used in professional segments, or known as "one switch per day".

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

Long Life guarantee

The Aura Long Life fluorescent lamps are manufactured in accordance with the IEC/EN 60081 standard. Continuous strict quality control processes ensure Long Life lamps with high quality.

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

LIFETIME	SWITCHING CYCLE	ELECTRONIC BALLAST (WARMSTART)
	3 h (Service life) (2 h, 45 min on, 15 min off) 80% light available	48 000 h
12 h (11 h on, 1 h off) 10% mortality rate	58 000 h	

PROGRAMME	TYPE	COLOUR	COLOUR TEMP. (K)	LUMINOUS FLUX at 35°C (lm/100h)	LUMINOUS EFFICACY (lm/W)	LUMINOUS FLUX at 25°C (lm/100h)	LUMINOUS EFFICACY (lm/W)	Ø (mm)	LENGTH WITHOUT PINS (MM)	PACK units (pcs)	ART. NO.
	T5 ECO SAVER HE, Outer tube 16mm diameter (Cap: G5)										
	13 W (=14W) 830	Warm white	3000	1350	104	1200	92	16	549	25	554013
	13 W (=14W) 840	White	4000	1350	104	1200	92	16	549	25	554014
	19 W (=21W) 830	Warm white	3000	2100	111	1900	100	16	849	25	554023
	19 W (=21W) 840	White	4000	2100	111	1900	100	16	849	25	554024
	25 W (=28W) 830	Warm white	3000	2900	116	2600	104	16	1149	25	554033
	25 W (=28W) 840	White	4000	2900	116	2600	104	16	1149	25	554034
	32 W (=35W) 830	Warm white	3000	3650	114	3300	103	16	1449	25	554053
	32 W (=35W) 840	White	4000	3650	114	3300	103	16	1449	25	554054
T5 ECO SAVER HO, Outer tube 16mm diameter (Cap: G5)											
	22 W (=24W) 830	Warm white	3000	2000	91	1750	80	16	549	25	557013
	22 W (=24W) 840	White	4000	2000	91	1750	80	16	549	25	557014
	36 W (=39W) 830	Warm white	3000	3500	97	3100	86	16	849	25	557023
	36 W (=39W) 840	White	4000	3500	97	3100	86	16	849	25	557024
	45 W (=49W) 830	Warm white	3000	4900	109	4300	96	16	1449	25	557043
	45 W (=49W) 840	White	4000	4900	109	4300	96	16	1449	25	557044
	50 W (=54W) 830	Warm white	3000	5000	100	4450	89	16	1149	25	557033
	50 W (=54W) 840	White	4000	5000	100	4450	89	16	1149	25	557034
	73 W (=80W) 830	Warm white	3000	7000	96	6150	84	16	1449	25	557053
	73 W (=80W) 840	White	4000	7000	96	6150	84	16	1449	25	557054

