

LONG LIFE LIGHTS The Long Life Lights concept comprises light sources with extra long service life. The concept is the result of innovative product development and rigorous quality control. For our customers, the unique service life means that light sources do not need to be changed so often, which reduces their maintenance costs. The products in the concept are therefore an investment for our customers and for the environment. Products such as fluorescent tubes and light bulbs are developed, manufactured and sold within the framework of the Long Life Lights concept.

Aura *SUPREME* HO

LONG LIFE

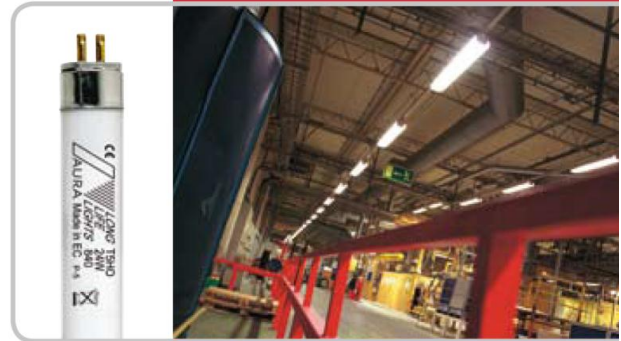
the latest lighting technology for industrial applications

Aura *SUPREME HIGH OUTPUT* is a Long Life fluorescent lamp with a three times longer service life than standard *T5 HO* lamps. It is the perfect solution when you need the energy saving- and system miniaturisation characteristics of a *T5* lamp with the high lumen package of *HO* in high ceiling applications.

SUPREME HO is a 16 mm diameter high colour rendering triphosphor fluorescent lamp (Ra 85). The luminous flux is optimized at approximately +35°C which is the running temperature of standard *T5* indoor fittings.

SUPREME HO is designed for operation with electronic ballast (warm start) and can be used in all areas where luminaires for *T5 HO* are installed. It fits excellent in modern compact luminaires and modular luminaires for ceiling systems.

Aura *SUPREME HO* is developed based on our two special patents – one for our unique cathode shield construction and the other for the inside protection layer. These patents contribute to extending the life of the fluorescent lamp.



Warehouses

Production areas

**Shops and
department stores**

Car parks

Offices



Lifetime

Service life is reached when the amount of light in an installation falls to 80% of the initial 100-hour value. Service life of the lamp failure rate and the lumen depreciation is calculated based on a 3-hour operation switching cycle according to IEC/EN 60081.

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.

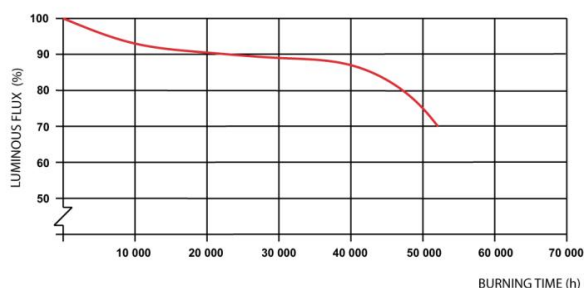
Long Life guarantee

The Aura Long Life fluorescent lamps are developed and manufactured in accordance with the IEC/EN 60081 standard. Continuous strict quality control processes secure fluorescent lamps of top quality.

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

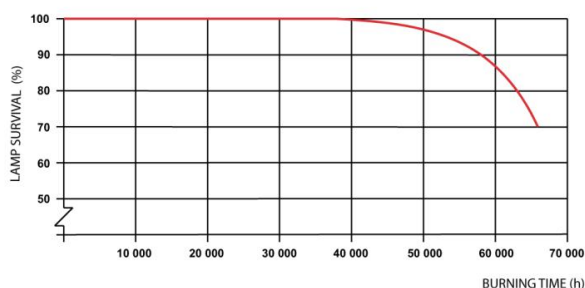
LIFETIME	SWITCHING CYCLE	ELECTRONIC BALLAST (WARM START)
	3 h (Service Life) 80% light available	48.000 h
12 h 10% mortality rate	58.000 h	

SERVICE LIFE AURA SUPREME HO
3 h-switching cycle (2 h 45 min. on, 15 min. off)



Service Life is based on the standard IEC/EN 60081 for fluorescent lamps and indicates the time when the amount of light in an installation falls to 80% of the initial 100-h-value. The Service Life is calculated as result of lamp failure rate and lumen depreciation.

LIFETIME AURA SUPREME HO
12 h-switching cycle (11 h on, 1 h off)



The 12 h-switching cycle is defined as the time when 10% of the lamps in an installation are failed. The lumen depreciation at this time is indicated with less than 10%.

PROGRAMME	TYPE	COLOUR	COLOUR TEMP. (K)	LUMINOUS FLUX AT 35°C (lm/100 h)	LUMINOUS EFFICACY (lm/W)	LUMINOUS FLUX AT 25°C (lm/100 h)	LUMINOUS EFFICACY (lm/W)	Ø (mm)	LENGTH WITHOUT PINS (mm)	PACK. UNIT (pcs.)	ART. NO.
	Cap: G5										
24 W/830	Warm white	3000	2000	83	1750	73	16	549	25	457013	
24 W/840	White	4000	2000	83	1750	73	16	549	25	457014	
39 W/827	Interior	2700	3500	90	3100	79	16	849	25	457022	
39 W/830	Warm white	3000	3500	90	3100	79	16	849	25	457023	
39 W/840	White	4000	3500	90	3100	79	16	849	25	457024	
54 W/827	Interior	2700	5000	93	4450	82	16	1149	25	457032	
54 W/830	Warm white	3000	5000	93	4450	82	16	1149	25	457033	
54 W/835	Middle white	3500	5000	93	4450	82	16	1149	25	457038	
54 W/840	White	4000	5000	93	4450	82	16	1149	25	457034	
54 W/865	Daylight	6500	4700	87	4200	78	16	1149	25	457036	
49 W/827	Interior	2700	4900	100	4300	88	16	1449	25	457042	
49 W/830	Warm white	3000	4900	100	4300	88	16	1449	25	457043	
49 W/835	Middle white	3500	4900	100	4300	88	16	1449	25	457048	
49 W/840	White	4000	4900	100	4300	88	16	1449	25	457044	
49 W/865	Daylight	6500	4600	94	4100	84	16	1449	25	457046	
80 W/830	Warm white	3000	7000	88	6150	77	16	1449	25	457053	
80 W/840	White	4000	7000	88	6150	77	16	1449	25	457054	
80 W/865	Daylight	6500	6600	83	5700	71	16	1449	25	457056	



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