

SYLVANIA



Aquarium and Terrarium Lighting

Sylvania's Petcare range



Sylvania's Petcare range

Tailored light levels and UV-radiation are very important for fish and reptiles. Sylvania has decades of experience in this field and have developed lamps with specific light spectra to replace natural light in Aquariums and Terrariums. Our lamps can be used independently or in combination to deliver the best results for complex biological requirements.

We have a range of linear fluorescent T8 & T5 lamps with a dedicated spectrum for:

- Aquarium fresh & marine water
- Terrarium (reptiles)



Aquarium Lighting

Aquarium lighting helps simulate the daily conditions under which the inhabitants of the tank would experience in the wild. Lighting helps provide energy and oxygen to ensure the overall well-being of the fish and aids photosynthesis of aquatic plants.

Freshwater is the biggest segment (90% of the market).

Water plants are always used in fresh water to add oxygen into the water, enabling both plants and fish to thrive. Healthy plants need a specific type of lighting that features a red and a blue peak. Gro-Lux® was the first lamp designed for this application.

Tips for the well-being of aquatic life

- How much light does your aquarium need? A general rule of thumb is that at least 0.5W of lighting per litre of water in the tank must be available
- Never use fluorescent tubes in an Aquarium that is deeper than 60cm
- Avoid positioning your aquarium near to a window. The UV-A and UV-B in sunlight will result in your tank developing algae
- Use a timer to light your aquarium for a certain amount each day. You should foresee between 10 and 14 hours of lighting per day
- Change your fluorescent lamps at least once a year, and if more than one lamp then at different times. Once 12 months have passed the light output of the lamps will be insufficient due to normal ageing

Terrarium Lighting

Reptiles need heat, light, UV-A/UV-B, food and water to survive. In a terrarium it is important to replicate these wild conditions.

Why is UV needed?

D3 cycle is a chemical and hormonal change in the body of an animal to produce vitamin D3, which controls blood calcium levels, lowers risks of cancers and is important for reptiles. UV exposure also impacts sight, breeding and well-being.

Light and shade

Reptiles need the ability to choose places in the terrarium so that they can self-select their own level of exposure to heat, light, cool and shade – as it would in the wild.

Heat and light sources are generally close together to create a 'basking zone' and shaded areas.



Aquastar T5 & T8 – Aquarium lighting



For Marine, Tropical and Fresh-water aquaria, Aquastar is the natural choice. It stimulates tropical sunlight and provides a good spectrum for plant care.



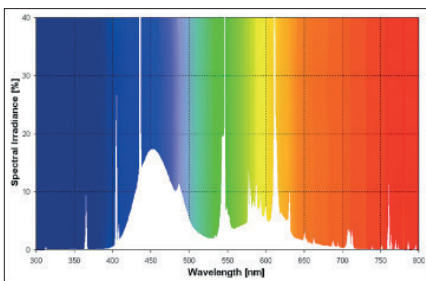
Features

- Light colour: 10,000K stimulating tropical light spectrum
- Promotes the growth of coral and aquatic plants through natural red and blue sections of the light spectrum
- Can be used in combination with Gro-Lux® in Marine aquaria, where saltwater plants are being grown instead of coral and a two-lamp solution is needed
- Excellent lighting performance
- For all biological organisms in fresh and marine aquariums
- T5 – FHO high output and lumen per watt in comparison to T8 versions

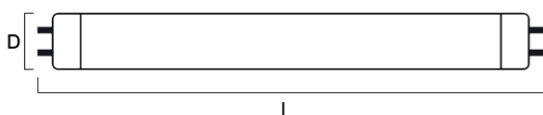
Product information

Code	Description	Length (mm) L	Diameter (mm) D	Power (W)	Voltage (V)	Lamp Current (mA)	Cap	Ballast Type	Luminous Flux (lm)	Colour Temp (K)	Life (h) (Electronic/ Magnetic)	Packing quantity
Aquastar T5												
0002752	FHO24W/Aquastar Retail	549	16	24	77	295	G5	electronic	1120	10,000	15,000	10
0002753	FHO39W/Aquastar Retail	849	16	39	118	325	G5	electronic	1960	10,000	15,000	10
0002754	FHO54W/Aquastar Retail	1149	16	54	120	455	G5	electronic	2800	10,000	15,000	10
Aquastar T8												
0000643	F15W/T8 Aquastar Retail	437	26	15	55	50	G13	electronic/ magnetic	650	10,000	14,000/10,000	10
0000644	F18W/T8 Aquastar Retail	590	26	18	57	370	G13	electronic/ magnetic	900	10,000	14,000/10,000	10
0000645	F25W/T8/30" Aquastar Retail	742	26	25	84	360	G13	electronic/ magnetic	1500	10,000	14,000/100,00	10
0000646	F30W/T8 Aquastar Retail	895	26	30	96	365	G13	electronic/ magnetic	1700	10,000	14,000/10,000	10
0000647	F36W/T8 Aquastar Retail	1200	26	36	103	50	G13	electronic/ magnetic	2200	10,000	14,000/10,000	10
0000648	F38W/T8 Aquastar Retail	1047	26	38	104	430	G13	electronic/ magnetic	2100	10,000	14,000/10,000	10
0000649	F58W/T8 Aquastar Retail	1500	26	58	110	670	G13	electronic/ magnetic	3550	10,000	14,000/10,000	10

Photometric Data



Dimensions (mm)



Gro-Lux® T5 & T8



Gro-Lux® remains the favourite lamp range to enhance the colours of tropical fish, whilst also stimulating various plant growth.



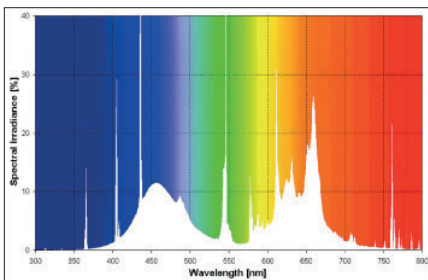
Features

- High level of blue and red radiation helps promote healthy plant growth
- Strengthens the natural colours of aquatic plants and fish in aquariums
- Promotes the process of photosynthesis in plants
- Can be used in combination with Aquastar in Marine aquaria where saltwater plants are being grown instead of coral and a two-lamp solution is needed
- T5 - FHO high output and lumen per watt in comparison to T8 versions
- For lighting of fresh-water aquariums, or as additional artificial lighting of plants

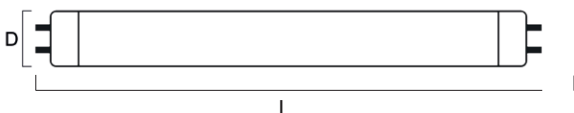
Product information

Code	Description	Length (mm) L	Diameter (mm) D	Power (W)	Voltage (V)	Lamp Current (mA)	Cap	Ballast Type	Light Colour	PAR (µmol/m2s)	Life (h) (Electronic/Magnetic)	Packing quantity
Grolux T5												
0000728	FHO24W/GRO-Retail	549	16	24	77	295	G5	electronic	Gro-Lux	1633	15,000	10
0000729	FHO39W/GRO-Retail	849	16	39	118	325	G5	electronic	Gro-Lux	3283	15,000	10
0000730	FHO54W/GRO-Retail	1149	16	54	120	455	G5	electronic	Gro-Lux	3800	15,000	10
Grolux T8												
0000069	F15W/T8/GRO	437	26	15	55	50	G13	electronic/magnetic	Gro-Lux	10,098	14,000/10,000	25
0000150	F30W/T8/GRO	895	26	30	96	365	G13	electronic/magnetic	Gro-Lux	23,444	14,000/10,000	25
0001523	F18W/GRO	590	26	18	57	370	G13	electronic/magnetic	Gro-Lux	13,301	14,000/10,000	25
0001524	F36W/GRO	1200	26	36	103	50	G13	electronic/magnetic	Gro-Lux	28,929	14,000/10,000	25
0001525	F58W/GRO	1500	26	58	110	670	G13	electronic/magnetic	Gro-Lux	36,000	14,000/10,000	25
0000708	F15W/T8/GRO - Retail	437	26	15	55	50	G13	electronic/magnetic	Gro-Lux	10,098	14,000/10,000	10
0000709	F18W/T8/GRO - Retail	590	26	18	57	370	G13	electronic/magnetic	Gro-Lux	13,301	14,000/10,000	10
0000710	F25W/T8/30"/GRO - Retail	742	26	25	84	360	G13	electronic/magnetic	Gro-Lux	18,756	14,000/10,000	10
0000711	F30W/T8/GRO - Retail	895	26	30	96	365	G13	electronic/magnetic	Gro-Lux	23,444	14,000/10,000	10
0000712	F36W/T8/GRO - Retail	1200	26	36	103	50	G13	electronic/magnetic	Gro-Lux	28,929	14,000/10,000	10

Photometric Data



Dimensions (mm)



Reptistar T8



Reptiles need heat, light, UV-A/UV-B, food and water to survive. In a terrarium it is important to replicate the conditions found in the wild. Sylvania has used its expertise in pet care to develop two types of lamps to meet the needs of different reptiles.



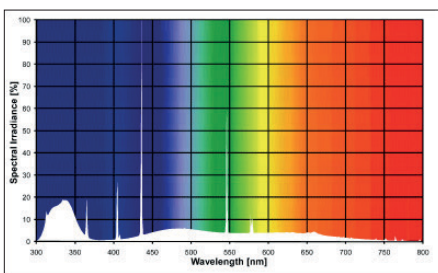
Features

- Promotes vitamin D3 production which aids good health, growth and the general well-being of reptiles in terrariums through a high content of UV-B (5% and 10%) and UV-A (up to 30%)
- This full spectrum lamp (6500K) improves the natural appearance of reptiles
- For the artificial lighting of reptiles in terrariums

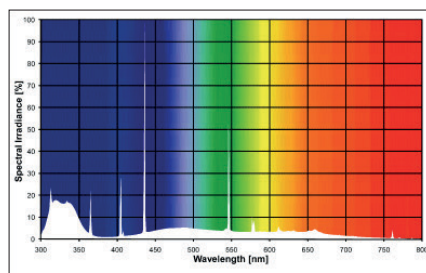
Product information

Code	Description	Length (mm) L	Diameter (mm) D	Power (W)	Voltage (V)	Lamp Current (mA)	Cap	Ballast Type	Light Colour	Luminous Flux (lm)	Colour Temp (K)	Life (h) (Electronic/ Magnetic)	Packing quantity
Reptistar T8													
0000731	F15W Reptistar UV-B 5%	437	26	15	55	50	G13	electronic/ magnetic	UV-B 5%	300	6500	14,000/10,000	10
0000732	F18W Reptistar UV-B 5%	590	26	18	57	370	G13	electronic/ magnetic	UV-B 5%	450	6500	14,000/10,000	10
0000733	F30W Reptistar UV-B 5%	895	26	30	96	365	G13	electronic/ magnetic	UV-B 5%	700	6500	14,000/10,000	10
0000741	F15W Reptistar UV-B 10%	437	26	15	55	50	G13	electronic/ magnetic	UV-B 10%	300	6500	14,000/10,000	10
0000742	F18W Reptistar UV-B 10%	590	26	18	57	370	G13	electronic/ magnetic	UV-B 10%	450	6500	14,000/10,000	10
0000743	F30W Reptistar UV-B 10%	895	26	30	96	365	G13	electronic/ magnetic	UV-B 10%	700	6500	14,000/10,000	10
0000744	F36W Reptistar UV-B 10%	1200	26	36	103	50	G13	electronic/ magnetic	UV-B 10%	1000	6500	14,000/10,000	10

Photometric Data



Reptistar 5%



Reptistar 10%

Dimensions (mm)



Activa T8



Like humans, light that simulates sunlight can be used to improve the well-being of animals in captivity. The spectrum contains non-visible UV-A radiation which is a source of vitality for the animals.



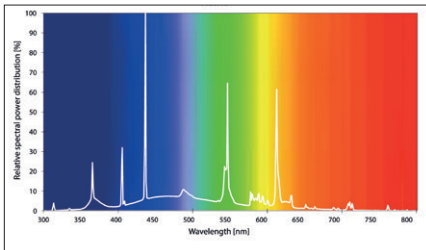
Features

- Full spectrum lamp including UV-A
- Radiation closely reproduces sunlight
- Colour temperature 6500K
- Exceptional colour high colour rendering (Ra98)

Product information

Code	Description	Length (mm) L	Diameter (mm) D	Power (W)	Voltage (V)	Lamp Current (mA)	Cap	Ballast Type	Light Colour	Luminous Flux (lm)	Colour Temp (K)	Life (h) (Electronic/ Magnetic)	Energy class	Packing quantity
Activa T8														
0002218	F18W/172 ACTIVA	590	26	18	57	370	G13	electronic	Gro-Lux	1000	6500	24,000	G	25
0002219	F36W/172 ACTIVA	1200	26	36	103	430	G13	electronic	Gro-Lux	2300	6500	24,000	G	25
0002220	F58W/172 ACTIVA	1500	26	58	110	670	G13	electronic	Gro-Lux	3700	6500	24,000	G	25
0002188	F70W/172 ACTIVA	1764	26	70	128	128	G13	electronic	Gro-Lux	4600	6500	24,000	G	25

Photometric Data



Dimensions (mm)



SYLVANIA



Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

Copyright Feilo Sylvania International Group Kft. May 2021

sylvania-lighting.com

A Feilo Sylvania Company

