

SYLVANIA

SHP 400/600W GROLUX

Grow with Sylvania





Introduction

Thanks to the latest technology, Sylvania has reached a breakthrough in horticultural lighting.

With the introduction of the SHP 400/600W GroLux, it is now possible to increase both the total amount of light to the plants, and it's quality without costly modifications to the existing lighting installation.

**More light, better light, cheaper light,
and easy to install.**

Advantages

- More, larger and better flowers.
- Thicker, longer, heavier stems of improved quality.
- Taller and stronger plants.
- Increased volume of crops in general.
- Opportunity for out of season crops.



Sylvania. A source of inspiration.

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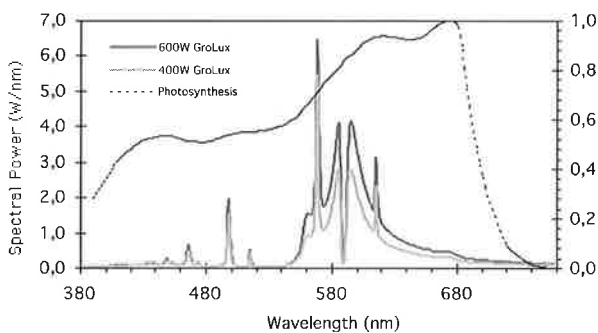
Description



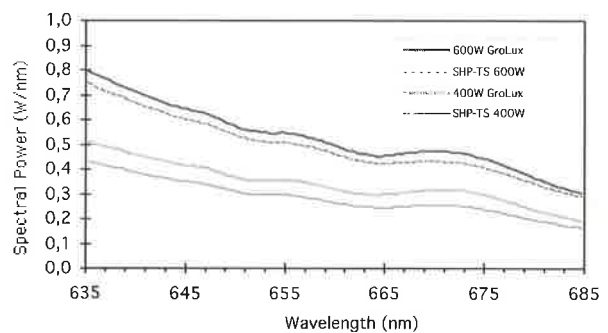
Tubular, clear high pressure sodium lamps with improved characteristics and performance, especially developed for supplementary lighting in greenhouses.

Technology

Special sodium lamp technology, unique to Sylvania, gives both more light and an improved quality of light. Using existing fixtures and ballast combinations, an increase of up to 10% in visible light lumens and phyto (plant) lumens can be observed (both Photosynthesis Flux (phyto-Lm) and Photoactive Radiation (PAR) ($\mu\text{mol/s}$)).



Graph 1



Graph 2

The light quality is improved with both more blue, and much more red light in the new GroLux lamp output spectrum. Plants are very sensitive to red light - see graph one. SHP GroLux lamps give on average as much as 65% more red light compared to existing special horticultural lamps.

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SHP 400/600W GroLux - NEW !

	Ordering code	Length (mm)	Diameter (mm)	Watt (W)	Volt (V)	Lamp Current (A)	Lum. Flux (Lm)	Photosynt. Flux (Phyto - Lm)	PAR ($\mu\text{mol/s}$)	Lamp caps	Packing quantity	Fig
400W GroLux	20807	292	48	425	120	4	58000	128000	713	E40/45	12	1
600W GroLux	20808	292	48	615	125	5,5	90000	200000	1100	E40/45	12	2



Also available for horticultural lighting

SHP 400W Super, SHP 400W Mercury Free and SHP 600W Super

	Ordering code	Length (mm)	Diameter (mm)	Watt (W)	Volt (V)	Lamp Current (A)	Lum. Flux (Lm)	Photosynt. Flux (Phyto - Lm)	PAR ($\mu\text{mol/s}$)	Lamp caps	Packing quantity	Fig
400W Super	20714	292	48	400	100	4,5	55000	120000	670	E40/45	12	3
400W Mercury Free	20998	292	48	400	100	4,5	55000	112200	627	E40/45	12	3
600W Super	20805	292	48	600	115	5,9	90000	193500	1080	E40/45	12	4



Sylvania is continuously working to improve the performance of its products, and therefore reserves the right to change specification without notice. Data for guidance only.

SYLVANIA

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