



## RefLED SylGro

Grow your plants faster at home



Following Sylvania's invention of the world's first light sources for plant growth in 1962, we have maintained a passion for excellence. Our **RefLED SylGro** lamps have achieved among the highest sustained photosynthetic efficacies in the world, and that same technical leadership has now been applied to our **RefLED SylGro LED** lamps.

## RefLED SylGro Flowering and vegetative lamps

### IMPORTANCE OF LIGHT

Light is the energy that is needed by plants to produce food and other nutrients required for growth and flowering. Plants are unique in that they are the only organisms that can convert light into food. The process is called photosynthesis.

### RefLED SylGro IS A PLANT GROWTH LAMP

A plant growth lamp is a lamp that produces the proper balance of blue and red energy needed for plant growth, and has its major output in these two regions. It is designed to provide this energy for plants, and for no other purpose.

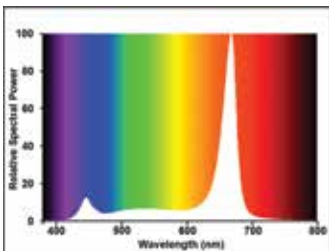
### MAIN FEATURES

- E27 base / 120-240V
- IP44 rated
- 17W for both spectrum
- Photosynthetic efficacy up to 2.3 $\mu\text{mol/J}$
- 25,000hrs  $L_{70}B_{50}$  flux maintenance

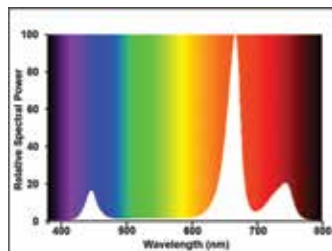


Item number	Description	Application	Lamp Wattage (W)	Voltage (V)	Frequency (Hz)	Beam Angle (°)	Photosynthetic Efficacy ( $\mu\text{mol/J}$ )	Lifetime at Ta 25°C (hrs)
0020963	RefLED SylGro Vegetative	Good balance of red and blue light for the normal growth of any plants	17	120-240	50-60	115	2.3	25,000 $L_{70}B_{50}$
0020964	RefLED SylGro Flowering	Additional far red light to promote flowering of the plants	17	120-240	50-60	115	1.8	25,000 $L_{70}B_{50}$

### Spectral Data

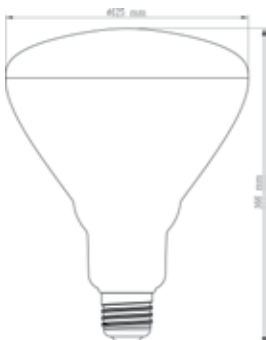


RefLED SylGro LED Vegetative



RefLED SylGro LED Flowering

### Dimensions (mm)



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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 Europe Limited.

by **FEILO SYLVANIA**