

SYLVANIA



The original plant growth lamp

Gro-Lux® LED E27

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

feilosylvania.com



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.

Gro-Lux® 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.

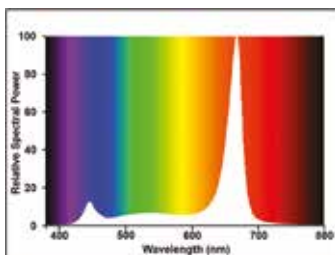
Features

- E27 base / 120-240V
- IP44 rated
- 17W for both spectrum
- Photosynthetic efficacy up to 2.3µmol/J
- 25,000hrs L₇₀B₅₀ flux maintenance

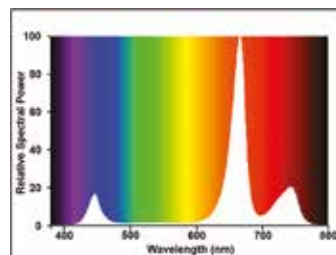
Product information

Code	Description	Spectrum	Voltage (V)	Power (W)	Frequency (Hz)	Beam Angle (°)	Photosynthetic Photon Flux - PPF (µmol/s)	Photosynthetic Efficacy (µmol/J)	Photosynthetic Flux Density - PPFD at 1m (µmol/s/m ²)	Lifetime at Ta 25°C (hrs)
Gro-Lux® LED										
0020965	Gro-Lux® LED E27 Vegetative	White and Deep Red	120-240	17	50-60	115	39	2.3	13	25,000 L ₇₀ B ₅₀
0020966	Gro-Lux® LED E27 Flowering	White, Blue, Deep Red and Far Red	120-240	17	50-60	115	31	1.8	10	25,000 L ₇₀ B ₅₀

Spectral Data

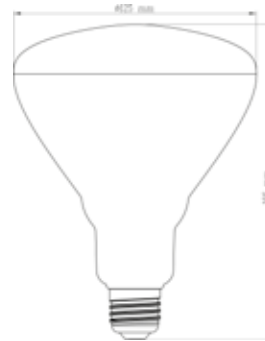


Gro-Lux® LED Vegetative



Gro-Lux® LED Flowering

Dimensions (mm)



Additional Images

