SYLVANIA

Gro-Lux® LED PAR Range

Gro-Lux® LED PAR

The Gro-Lux® LED E27 series offers a complete range of lamps for horticulture, offering three spectra to meet all your needs: Far-Red, Vegetative and Flowering. Sylvania horticulture LED lamps have one of the highest PPF values on the market, with up to 39µmol/s.

60 YEARS OF HORTICULTURAL LIGHTING

sylvania-lighting.com

Gro-Lux® LED PAR

The demand for horticultural products is increasing due to growing population, rising food prices and the desire for fresh, organic all year-round crops. This has led to an increase in horticultural indoor farming which gives growers control over their crops. Horticultural lighting plays an important role in ensuring that optimum yield and quality are achieved.

Sylvania's Gro-Lux® LED PAR range has been extended with the addition of a Far-Red lamp, supplementing the existing Vegetative and Flowering versions. These lamps support the growth of the plants at specific phases in their growth.

Far-Red spectrum – used to introduce or boost the flowering of a given plant, simulate sunrise/sunset or to increase Far-Red radiation of a given lighting solution

Vegetative spectrum – provides perfect lighting for small plants, photoperiodic lighting or supporting the growth phase

Flowering spectrum – offers great supplemental light for all flowering plants

Features

- Fits in every standard E27 base (120-240V for Vegetative and Flowering, 220-240V for Far-Red)
- IP44 rated/IP40 (Far-Red)
- Low power consumption
- Highest output for an E27 plant specific lamp
- Three different spectra available: Vegetative, Flowering and Far-Red
- Photosynthetic Photon Efficacy up to 2.3µmol/J
- 25,000 hrs $L^{70}B^{50}$ flux maintenance
- Far-Red lamp has a narrow beam angle to enable replacement of incandescent/halogen spotlights used in photoperiodic lighting
- Suitable for applications such as Photoperiodic lighting, Propagation, night-interruption

Product Information

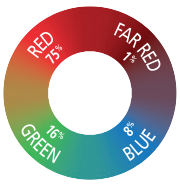
Code	Description	Spectrum	Power (W)	Voltage (V)	Beam angle	Dia.	Length	Base	Photosynthetic Photon Flux (µmol/s)	Photosynthetic Photon Efficiency (µmol/J)	Photosynthetic Photon Flux incl. Far-Red (µmol/s)	Photosynthetic Photon Efficiency incl. Far-Red (µmol/J)	IP rating	Current	Power Factor	Lifetime at Ta 25 C (hrs)
Gro-Lux® LED PAR																
0020965	Gro-Lux® LED E27 Vegetative	White and Red	17	120-240	115	125	166	E27	39	2.3	39	2.3	IP44	150mA	0.90	25,000
0020966	Gro-Lux® LED E27 Flowering	White, Red and Far-Red	17	120-240	115	125	166	E27	31	1.8	38	2.2	IP44	150mA	0.90	25,000
0020970	Gro-Lux® LED E27 Far-Red	White and Far-Red	10	220-240	36	121	133	E27	7	0.7	20	2	IP40	85mA	0.50	25,000

Additional Images

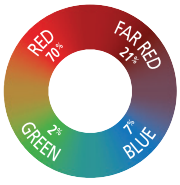
Gro-Lux® LED E27 Vegetative

Gro-Lux® LED E27 Flowering

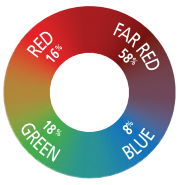
Gro-Lux® LED E27 Far-Red



Gro-Lux® LED E27 - Vegetative Spectrum



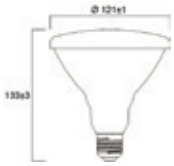
Gro-Lux® LED E27 - Flowering Spectrum



Gro-Lux® LED E27 - Far-Red Spectrum

Dimensions (mm)

0020965/0020966



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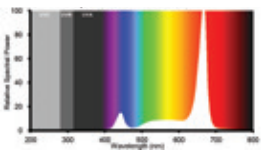
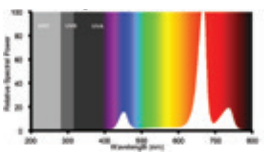
Spectral Power Distribution



0020965 Gro-Lux® LED E27 Vegetative



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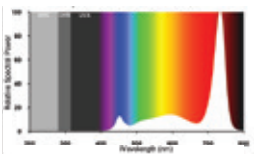

0020970 Gro-Lux® LED E27 Far-Red

To see how our E27 LED solution can improve your application contact one of our experts at horticulture@sylvania-lighting.com

sylvania-lighting.com
A Feilo Sylvania Company

T: ..... F: .....
Email: .....