

PLANT GROW LED LAMP

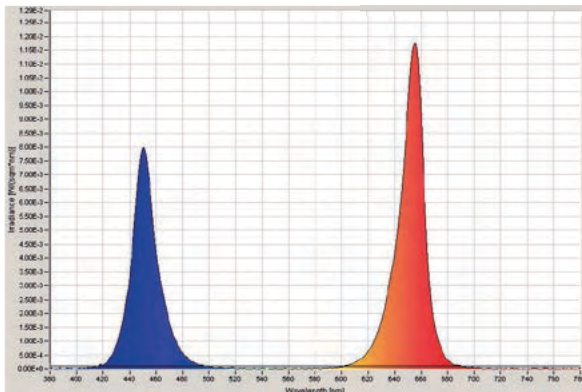


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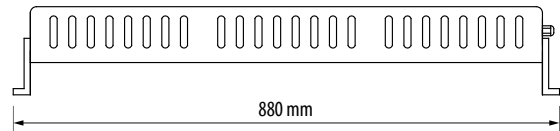
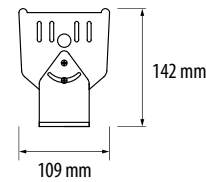


Product №	Power	Power factor	PPF*	Catalogue №
LPG220150	150 W	> 0.95	206.5 μMol/s	02372

* Photosynthetic photon flux



Lighting distribution: 80° x 140°



The plant grow LED lamp is a new generation product, designed to emit light within a specific spectrum that is helpful for plants. It is suitable for growing plants in greenhouses and indoor spaces, stimulating the growth of roots, stems and leaves.

The red (660nm) and the blue (450nm) spectrum of light are in a ratio of 7:3 thus helping the photochemical processes in plants to run normally. The blue colour helps speeding up the photosynthesis. The red spectrum has a significant effect on photosynthesis and photoperiods, responsible for increasing the flowering. Insufficient red light slows down the growth of leaves.

One of the main advantages of the plant grow LED lamps is that they emit less heat due to their high efficiency, which saves significant amount of energy.

