



Considerable
cost savings
on lighting
+ heating

LED Fan Greenhouse Toplight

By growers for growers

Product Information

LED Fan Toplight has been developed by growers for growers as the most ideal replacement for traditionally 1000W High Pressure Sodium fixtures as it combines the advantages of LED and HPS. The unique design of LED Fan uses an innovative solution to provide better heat management to the greenhouse, which results in considerable savings on heating costs on top of the huge reduction in the lighting energy costs. Switching to this LED grow light, growers can increase yield not only by providing the optimal amount of photons to their plants, but also by lowering humidity, which reduces CO₂ loss, nutrient deficiencies, and the risk of plant diseases.

By connecting Food Autonomy's CultiMesh Lighting Control Platform and HLP (standardized Horticultural Lighting Protocol), thousands of grow lights can be controlled via climate computer and growers are provided with an abundance of information to support their daily operations. Read more at www.foodautonomy.org/en/products/cultimesh

Product Specifications

Product ID	Module	Growth Spectrum	Nominal Power (W)	PPF (Mmol/S)	Efficacy (Mmol/J)	Efficacy When Dimmed To 50%	Optics	Control	Mounting
FA GLIN4V 3H 0004088800 1158 W45 BF4 2SW	3	B4%, G8%, R88%	1158	3940	3,4	3,7	W45 Wide Beam	Wireless dimmable	Bracket

Key Technical Features

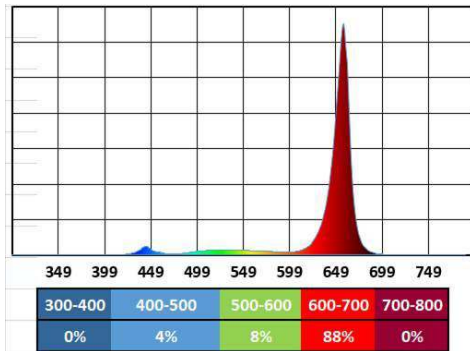
- Integrated ventilators for downwards distribution of heat
- Wireless dimming
- L90 >50 000 hrs
- Ingress protection: IP66
- Passive & active cooling of drivers & LEDs
- Simple hanging system for easy installation
- Impact resistant design made of glass and aluminum
- Painted white finish
- Regulatory approvals – CE, RoHS



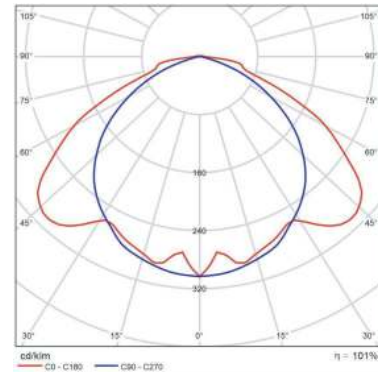
Application Areas

- Fruits and vegetables such as strawberries, tomatoes, cucumbers, lettuce
- Flowers and potted plants such as chrysanthemums, roses, orchids

Spectral Distribution



Photometric Data



Mounting

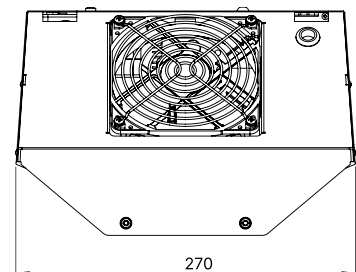
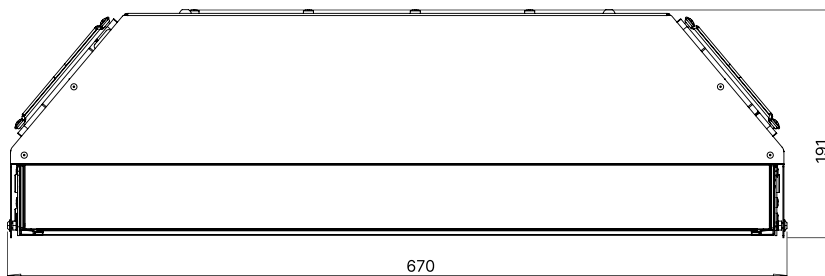
LEDFan is provided with compatible connector (WIE MALE 96.032.0055.7) and mounting brackets that are designed to meet the requirements of the specific greenhouse.

Examples:



Dimensions

Weight: 12,5 kg



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