

# LEDFan

## Greenhouse Toplight



### Product information

LEDFan Greenhouse Toplight lamp of the Food Autonomy partner of Tungsramp Series has been specifically developed as a replacement for traditional 1000W High Pressure Sodium lamps. Switching to this LED system growers will not only save energy but will also increase yield by providing 56% more  $\mu\text{mol/s}$  to their plants. The unique design of LEDFan uses an innovative solution to provide better heat management solution for the greenhouse, which results in considerable savings on heating and energy costs.

### Product Specifications

Product ID	Module	Growth Spectrum*	Nominal Power(W)	PPF ( $\mu\text{mol/s}$ )	Efficacy ( $\mu\text{mol/J}$ )	Optic	Control	Mounting
TUAS GLIN2V HRLB	3	HRLB	965	3140	3.3	W43 Wide beam	Fix or Dimmable	Bracket
TUAS GLIN2V HRLBG	3	HRLBG	950	3000	3.2			

\*HR= High Red, LB=Low Blue, G=Green

Note: Spectrum can be customized upon customer request.

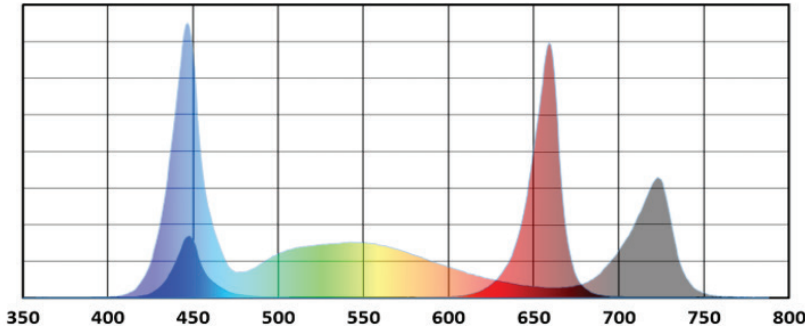
### Key Technical Features

- One channel, wireless dimmable
- Integrated ventilators for downwards dissemination of heat
- L90/B50 >50k hrs
- Operating Environment: 0°C to +40°C
- Ingress protection: IP65
- IK07
- Passive & active cooling of lighting fixtures
- Simple hanging system for easy installation
- Impact resistant design made of glass and aluminum
- Painted white finish
- Regulatory approvals – CE, RoHS

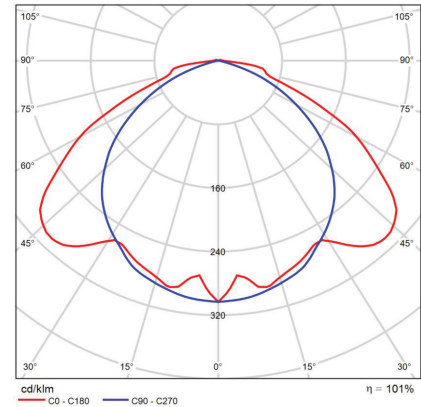


**Two channel,  
dimmable version  
coming soon!**

## Customizable spectral distribution



## Photometric data



## Electrical parameters

Description	Input Voltage (V)	Frequency (Hz)	Nominal Input Power (W)	PPF (μmol/s)	Input current (A)	PF	THD (%)	Inrush current (at 50% peak)	16A type C	20A type C
TUAS GLIN2V 3H HRLB	400	50	965	3140	2.46	0.98	< 8%	39A / 1320 μs	2+2+2	3+3+3
TUAS GLIN2V 3H HRLBG	400	50	950	3000	2.42	0.98	< 8%	39A / 1320 μs	2+2+2	3+3+3

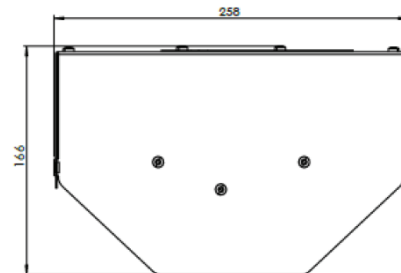
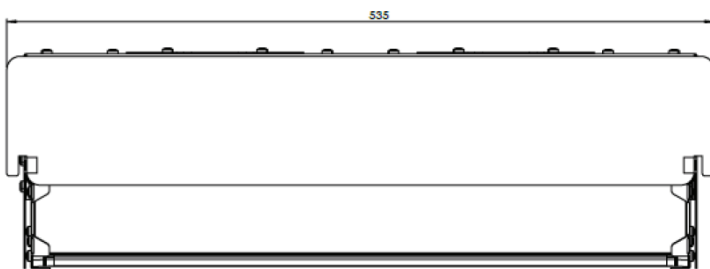
## Mounting

For simple replacement of existing HPS fixtures LEDFan is provided with compatible connectors (standard is green Wieland) and mounting brackets fitted to the actual truss dimensions.



## Dimensions (mm)

Weight: 10kg



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LED Greenhouse Toplight Datasheet – June 2019