

TotalGrow™ High Intensity Top-Light 530 HO

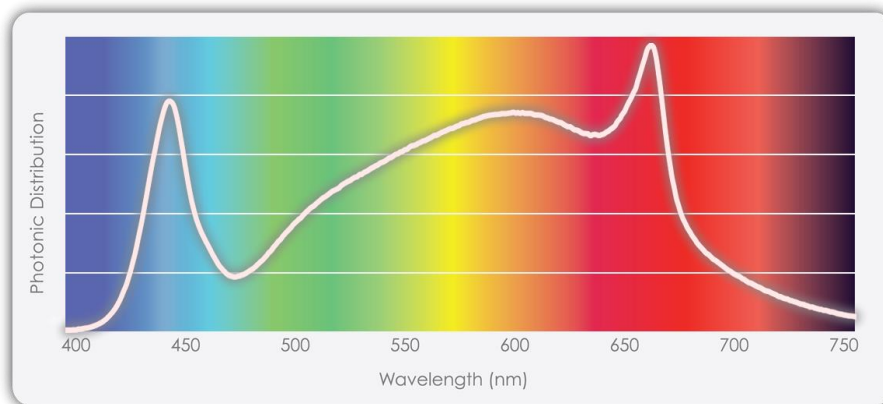


Performance Grow Lighting that Saves

Achieve your target yields and quality.

Save time, money, electricity and sales.

- 530W of power with 2.6 $\mu\text{mol}/\text{J}$ efficacy for the light intensities your plants need
- Robust, reliable and streamlined design for simple utilization
- Full spectrum for exceptional versatility



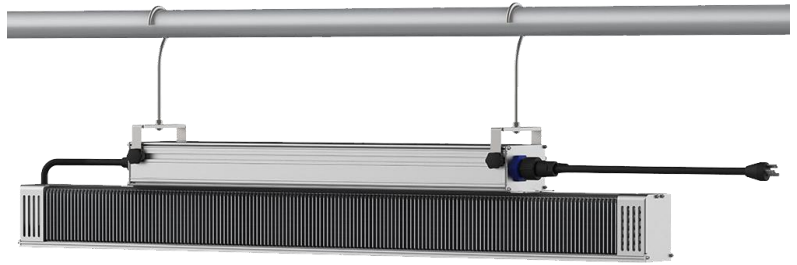
Spectrum/Power Customization Available



The TotalGrow HI-Top 530 HO generates an ideal light spectrum for diverse supplemental and sole source applications with a versatile output pattern, exceptional efficiency and profound total value in a pleasant work environment. This plug-and-play solution is simple to implement, low on upfront and ongoing costs and makes it possible to sustainably grow high quality plants year-round over a very long lifetime.

Product Specifications / Installation

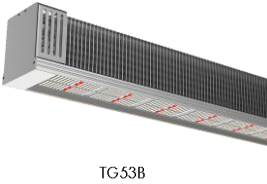



Power Consumption	530W (330W available)
Output	1380 $\mu\text{mol/s}$
Output Efficiency	2.6 $\mu\text{mole/J}$
LxWxH / Weight	48"x5"x7" / 19 lbs
Dimmable	1-10V
Daisy-Chain Linking	3 or 5 units (120 or 240V)
Projected Service Life	50,000 hours
Warranty	5 Years
Waterproof	IP65



contact: info@venntis.com

Usage Guidelines

Every application is unique, and our lighting experts will gladly provide you with a detailed, custom light plan (contact info@venntis.com). In the meantime, the following chart will provide helpful benchmarks:

Usage Guidelines: TotalGrow High Intensity Top-Light 530 HO				
 TC-53B	Light Level Target	Low	Medium	High
	Plant Size	Small	Medium	Large
Examples		Germination, Microgreens 	Late Propagation, Lettuce, Basil 	Tomatoes, Plants larger than 1 cu ft 
	Supplemental (Greenhouse Sun + Lights)	Light Intensity 35 $\mu\text{mol/m}^2/\text{s}$ Coverage 350 sq ft Approx. Spacing 18 ft Typical Height* 11-16 ft	70 $\mu\text{mol/m}^2/\text{s}$ 170 sq ft 13 ft 8-12 ft	150 $\mu\text{mol/m}^2/\text{s}$ 85 sq ft 9 ft 5-8 ft
Sole Source (100% Artificial Lighting)	Light Intensity 120 $\mu\text{mol/m}^2/\text{s}$ Coverage 110 sq ft Approx. Spacing 10 ft Typical Height* 6-9 ft	250 $\mu\text{mol/m}^2/\text{s}$ 55 sq ft 7 ft 4-6 ft	800 $\mu\text{mol/m}^2/\text{s}$ 16 sq ft 4 ft 2-4 ft	

*Plant top to fixture bottom; avoid significantly higher heights when using small quantities of fixtures or use reflective walls if possible.

- Shorten growth cycles • Improve yields and quality • Reliably produce year-round
- Reduce 50% of energy compared to 1000W HPS • Long, low maintenance life
- Excellent light uniformly • Easy installation • Versatile, aesthetic, customizable spectrum