

TotalGrow™ High Intensity Top-Light 530

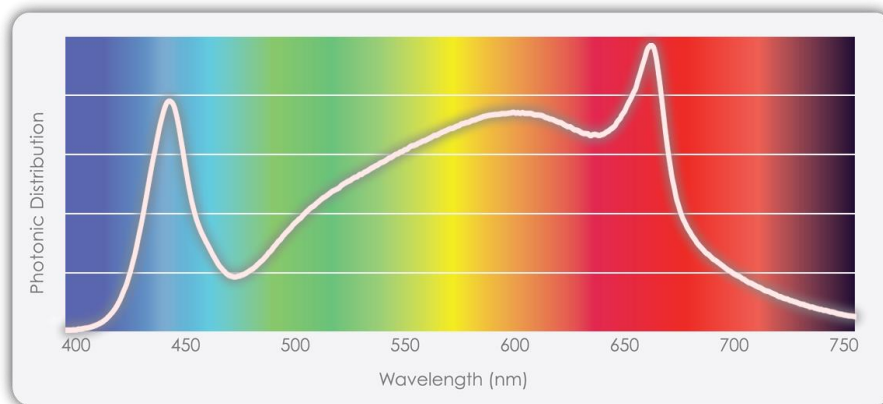


Performance Grow Lighting that Saves

Achieve your target yields and quality.

Save time, money, electricity and sales.

- 530W of power with 2.4 $\mu\text{mol}/\text{J}$ efficacy for the light intensities your plants need
- Robust, reliable and streamlined design for simple utilization
- Full spectrum for exceptional versatility



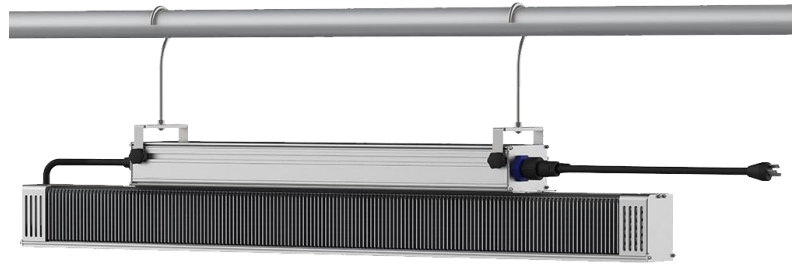
Spectrum/Power Customization Available



The TotalGrow HI-Top 530 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

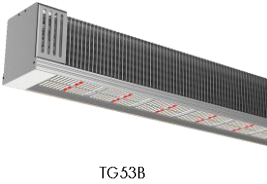



Power Consumption	530W (330W available)
Output	1272 $\mu\text{mol/s}$
Output Efficiency	2.4 $\mu\text{mole/J}$
LxWxH / Weight	48"x5"x7" / 19 lbs
Dimmable	1-10V
Daisy-Chain Linking	3 or 5 units (120 or 240V)
Projected Service Life	50,000 hours
Warranty	5 Years
Waterproof	IP65



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				
 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 $\mu\text{mol/m}^2/\text{s}$	70 $\mu\text{mol/m}^2/\text{s}$	150 $\mu\text{mol/m}^2/\text{s}$
	Coverage	320 sq ft	160 sq ft	80 sq ft
	Approx. Spacing	18 ft	13 ft	9 ft
	Typical Height*	11-16 ft	8-12 ft	5-8 ft
Sole Source (100% Artificial Lighting)	Light Intensity	120 $\mu\text{mol/m}^2/\text{s}$	250 $\mu\text{mol/m}^2/\text{s}$	800 $\mu\text{mol/m}^2/\text{s}$
	Coverage	100 sq ft	50 sq ft	15 sq ft
	Approx. Spacing	10 ft	7 ft	3-4 ft
	Typical Height*	6-9 ft	4-6 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