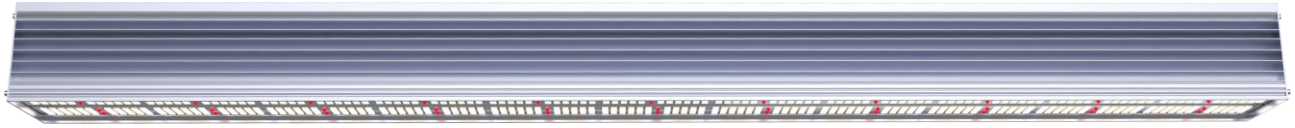


TotalGrow™ High Intensity Top-Light

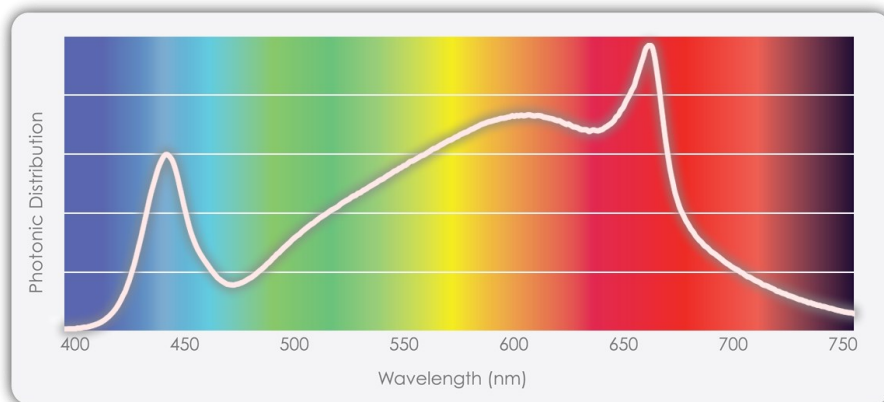


Performance Grow Lighting that Saves

Achieve your target yields and quality.

Save time, money, electricity and sales.

- 330 or 530W of power at 2.8 $\mu\text{mol}/\text{J}$ for the light intensities your plants need
- Robust, reliable and streamlined design for simple utilization
- Full spectrum for exceptional versatility



Spectrum/Power Customization Available







contact: info@venntis.com

The TotalGrow HI-Top 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.

HI-Top Product Specifications:	HI-Top 330	HI-Top 330 HO	HI-Top 530	HI-Top 530 HO
Product Number	TG33B2-203-24	TG33B2-213-26	TG53B2-203-24	TG53B2-213-26
Power Consumption (W)	330	330	530	530
Output ($\mu\text{mol/s}$)	850	910	1360	1460
Efficacy ($\mu\text{mol/J}$)	2.6	2.8	2.6	2.8
Length x Width x Height (inches)	39.4 x 5 x 7.1	39.4 x 5 x 7.1	44.9 x 5 x 7.1	44.9 x 5 x 7.1
Weight (lbs.)	15.7	15.7	21.6	21.6
Daisy-Chain Linking (120V / 240V)	4 / 7 units max	4 / 7 units max	3 / 5 max	3 / 5 max
Input Voltage	100-277V			
Projected Service Life / Warranty	50,000 hours / 5 year			
Dimmable	0-10V			
Waterproof	IP65			

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-Lights						
	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 + TotalGrow Lights)	Light Intensity (PPFD):		40 $\mu\text{mol/m}^2/\text{s}$	80 $\mu\text{mol/m}^2/\text{s}$	225 $\mu\text{mol/m}^2/\text{s}$	
	HI-Top 330	Coverage	200 sq. ft	100 sq. ft	35 sq. ft	
		Spacing	14 ft	10 ft	6 ft	
		Height	9 ft	7 ft	4 ft	
	HI-Top 530	Coverage	300 sq. ft	150 sq. ft	50 sq. ft	
		Spacing	17 ft	12 ft	7 ft	
		Height	12 ft	8 ft	5 ft	
	Sole Source (100% TotalGrow Lighting)	Light Intensity (PPFD):		120 $\mu\text{mol/m}^2/\text{s}$	240 $\mu\text{mol/m}^2/\text{s}$	800 $\mu\text{mol/m}^2/\text{s}$
		HI-Top 330	Coverage	65 sq. ft	32 sq. ft	10 sq. ft
Spacing			8 ft	6 ft	3 ft	
Height			5 ft	4 ft	2 ft	
HI-Top 530		Coverage	100 sq. ft	50 sq. ft	16 sq. ft	
		Spacing	10 ft	7 ft	4 ft	
		Height	7 ft	5 ft	3 ft	

- Shorten growth cycles • Improve yields and quality • Reliably produce year-round
- Reduce up to 60% of energy compared to HPS • Long, low maintenance life
- Excellent light uniformly • Easy installation • Versatile, aesthetic, customizable spectrum