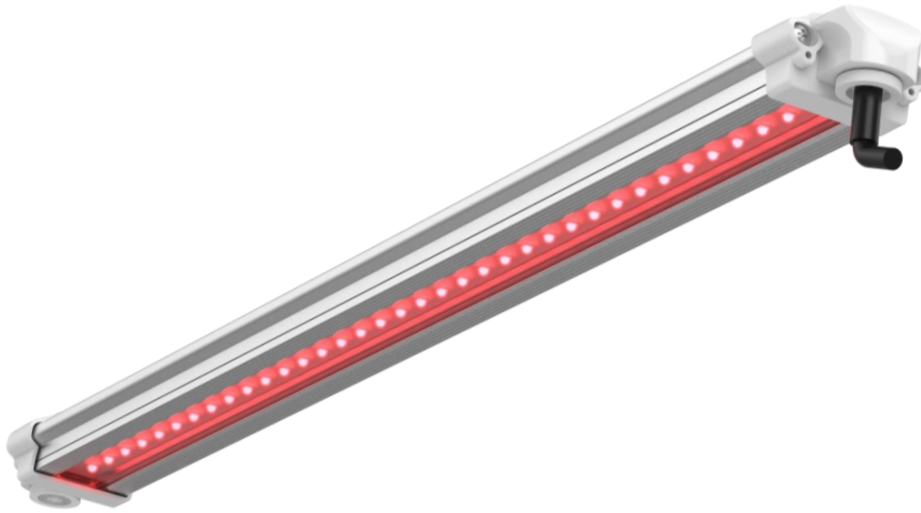
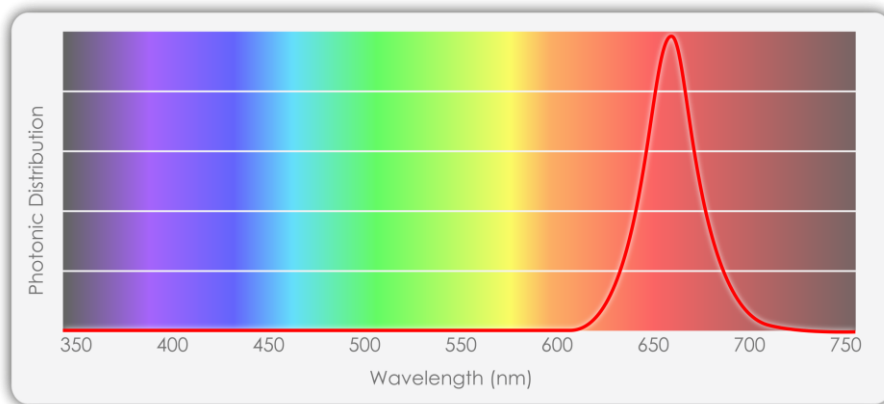


TotalGrow™ Deep Red Grow-Booster



Deep Red Light for Heightened Growth Rates

- 25W of highly efficient, reliable LED deep red lighting
- 660nm output matches peak chlorophyll absorption for maximum photosynthesis
- Thin, narrow profile for simple, versatile utilization



Spectrum/Power Customization Available



contact: info@venntis.com

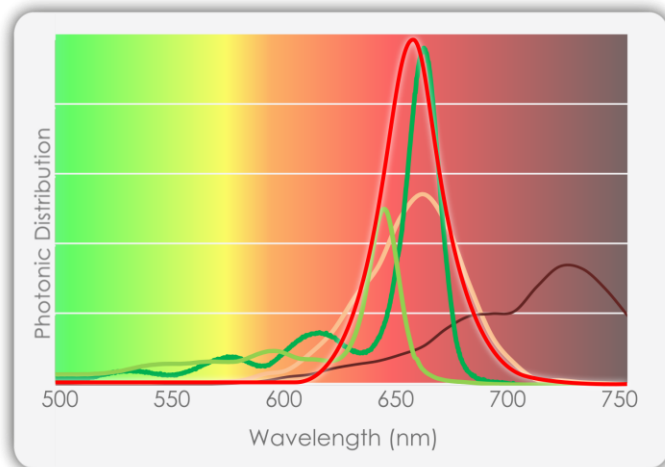
The TotalGrow Deep Red Bar generates 660nm red light with exceptional efficiency and reliability in an ideal form factor for simple utilization. Matching the peak of chlorophyll absorption and action, supplement your lighting with Deep Red bars to prioritize and supercharge your growth rates.

Deep Red Light Bar Product Specifications	
Product Number	TG3B-82-110F-BA8-05
Power Consumption (W)	26
Output ($\mu\text{mol/s}$)	65
Efficacy ($\mu\text{mol/J}$)	2.6
Length x Width x Height (inches)	23.7 x 2.3 x 1.5
Weight (lbs.)	2.3
Input Voltage	100-277V
Wavelength	660nm
Beam Angle	120°
Projected Service Life / Warranty	30,000 hours / 3 year
Waterproof	IP65
Daisy-Chain Limits (120V / 240V)	24 / 48 lights



Why 660nm Deep Red?

Though plants utilize many wavelengths of light to drive photosynthesis and growth, the 660nm wavelength is most readily absorbed by chlorophyll to drive efficient photosynthesis and increase the overall growing efficiency of a lighting system. It is also absorbed by the Pr phytochrome isomer to discourage the shade-avoidance stretching triggered by far-red light (700-750nm) and in many cases encourage long-day growth responses. Talk to the TotalGrow experts to explore if Deep Red lighting is right for you - info@totalgrowlight.com



- Chlorophyll A & B Absorption (Growth)
- Phytochrom Pr Absorption (Sunlight Responses)
- Phytochrom Pfr Absorption (Shade/Night Response)
- 660nm Deep Red Light

- Improve growth rates, quality, and value
- Modular linking of lights for easy installation
- Slim, versatile shape for easy, aesthetic installation
- Reliably produce year-round
- Very low energy consumption
- Long, low maintenance life
- Excellent light uniformly