total grow

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FOR FREE LIGHT PLANNING

TOTALGROW™ SOLARK KC

ULTIMATE INDOOR GROWING POWER & CONTROL

- 1000W at 2.8+ µmol/J to efficiently peak yields with up to 1,900 PPFD
- 4-Channel spectral tuning: White/Red +270 µmol/s each of UVA, Blue, Far-Red
- Steer stress responses, density, growth, and expansion for any stage, size, and goals
- Simple utilization, excellent uniformity, and dependable TotalGrow service

PRODUCT DETAILS

The TotalGrow Solark KC features multiple high-intensity, dynamic-spectrum light bars in a thin form factor to evenly distribute the ideal intensities and wavelengths of light. Guide your grow with simple controls through each stage, opportunity, and need:

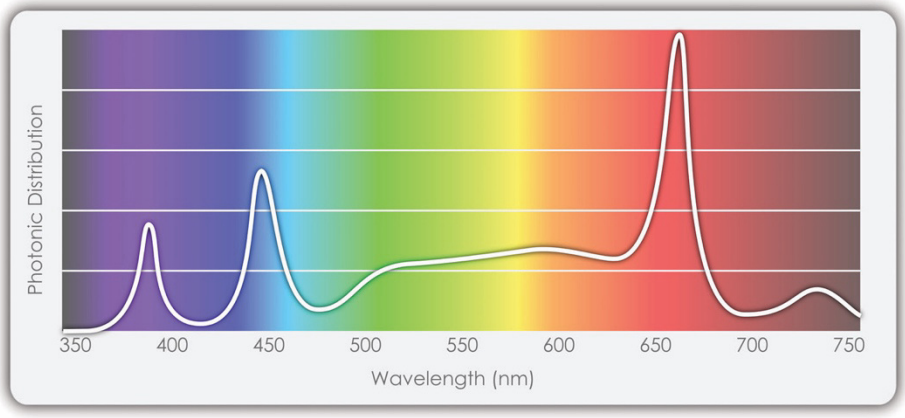
- Enhance concentrations and growth density with powerful UVA and Blue additions.
- Prioritize expansion and overall biomass with White/Red and Far-Red.
- Maximize balanced growth with increasing full-spectrum intensities.

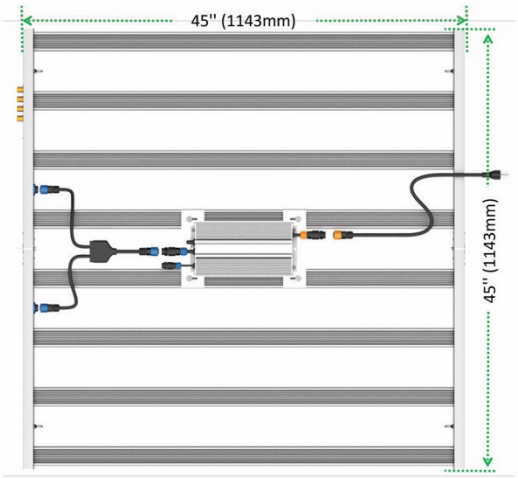
Trust the support of the TotalGrow Lighting experts and service team along the way!

Solark KC Product Specifications: TG100B4-V3L-28-D4-K0BP6		
Max. Power Consumption	1000W	
Max. Output	2800 µmol/s	
Efficacy at 100% Power	2.8 µmol/J	
Max. PPFD	1900 µmol/m²/s	
Primary Spectrum Channel	White + Red	
Secondary Spectrum Channels	UVA, Blue, Far-Red	
Max White + Red Output	2775 µmol/s	
Max UVA, Blue, and Far-Red Outputs	270 µmol/s each (810 µmol/s total)	
Max. Daisy-Chaining (w/ cords)	240V: 3 Lights / 277V: 4 Lights	
Typical Coverage Area	4'x4' flower / 5'x5' veg	
Mounting Height Over Canopy	6-18 inches	
Length x Width x Height	45" x 45" x 2.5"	
Input Voltage	100-277V	
Dimming	Dials or RS-485	
Projected Service Life	50,000 Hrs.	Intertek, DLC HORT PENDING
Waterproof Bars & Driver	IP66	
Warranty	5 Years	

TOTALGROW™

SOLARK KC





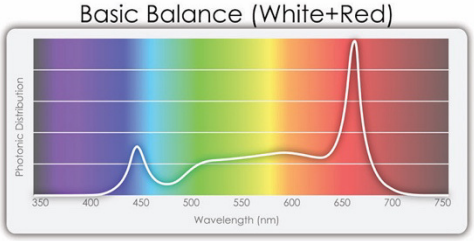
USAGE GUIDELINES

Every application is unique, and our lighting experts will gladly provide you with a detailed, custom light plan (contact **info@totalgrowlight.com**), including incentive acquisition assistance and long-term support tailored to your goals, opportunities, and needs.

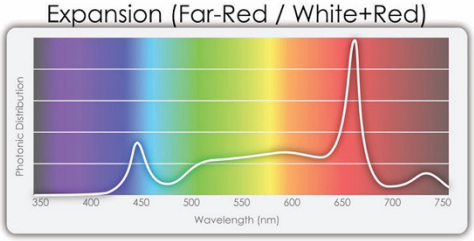
- **Shorten growth cycles**
- **Improve yields and quality**
- **Consistent, reliable production**
- **Reduce up to 60% of energy compared to HID**
- **Long, low maintenance life**
- **Excellent light uniformly**
- **Easy installation**
- **Versatile, dynamic spectrum**

SPECTRUM EXAMPLES

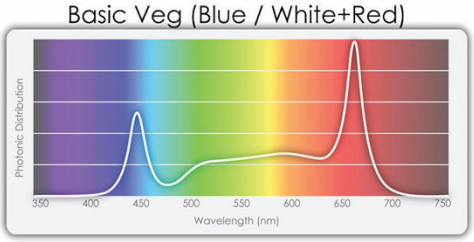
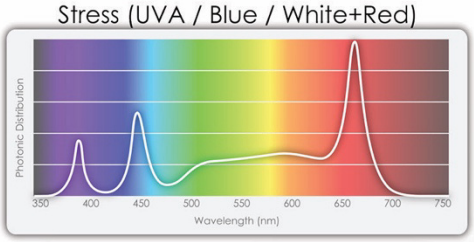
Basic Balance (White+Red)



Expansion (Far-Red / White+Red)



Basic Veg (Blue / White+Red)



Stress (UVA / Blue / White+Red)