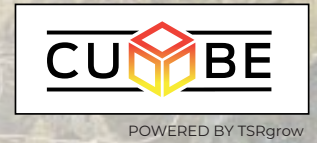


The Lighting Solution for Optimal Growth

Introducing Proximity CUBE the only cannabis specific lighting system designed to overcome the unique challenges of supplemental lighting. The CUBE system was developed over 4 years of R&D by industry cultivation and lighting design experts to evenly distribute additional PAR to underserved, light-deprived areas of the lower canopy. CUBE is proven to consistently increase production yield and cola size in otherwise unproductive areas, regardless of cultivation approach.



THE OPTIMAL ADDITION OF LIGHT

By increasing PPFD levels in the most light-hungry layers of the crop, CUBE deploys additional wattage where it's most useful to encourage:

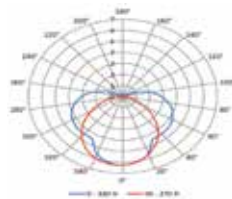
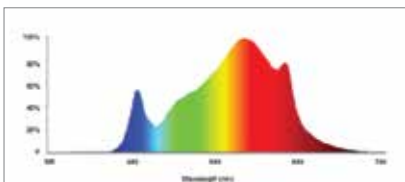
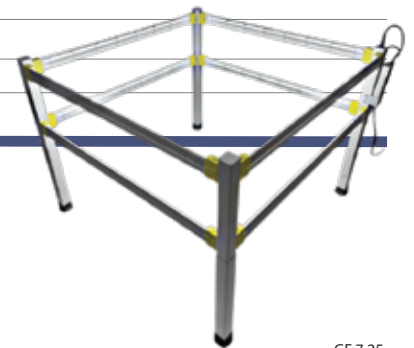
- Tighter Internodal Spacing
- Larger Average Cola Size
- Increased Cola Uniformity
- Higher Output Per Square Foot

MAXIMIZE YIELD EVERY HARVEST

CUBE delivers superior side-lighting results to help growers make the most of their available space, delivering:

- 20%+ Increase in Yield
- 20%+ Lift in Cola Size
- 20%+ Increase in Revenue
- ROI in 1-2 Harvests

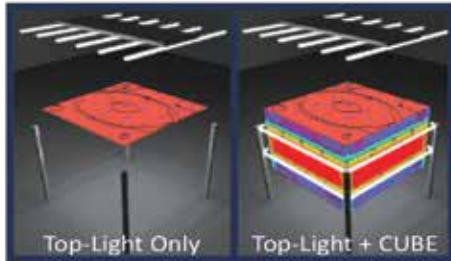
Product/SKU	CUBE 4 x 4	CUBE 4 x 5	CUBE 4 x 6	CUBE 5 x 5
Area Coverage	16ft ² (1.49m ²)	20ft ² (1.86m ²)	24ft ² (2.23m ²)	25ft ² (2.32m ²)
Light Output (PPF)	550 umol/s	625 umol/s	675 umol/s	675 umol/s
Power (AC)	220W	250W	270W	270W
Efficacy (PPE)	2.5 umol/j	2.5 umol/j	2.5 umol/j	2.5 umol/j
Input Voltage (AC)	120-277VAC	120-277VAC	120-277VAC	120-277VAC
Power Factor	> .95 @ 277VAC	> .93 @ 277VAC	> .94 @ 277VAC	> .94 @ 277VAC
Weight	24Lbs. (10.9kg)	26.6Lbs. (12.1kg)	27.3Lbs. (12.4kg)	27.3Lbs. (12.4kg)
Dimensions (L x W)	47.8" x 47.8" (1.2m x 1.2m)	47.8" x 59.6" (1.2m x 1.5m)	47.8" x 71.8" (1.2m x 1.7m)	59.6" x 59.6" (1.5m x 1.5m)
Height	Adjustable between 33" - 45" (0.84m - 1.14m)			
Light Source	Broad Spectrum 3000K CCT			
Light Distribution	210° per lightbar (two 120° boards offset by 90°)			
Thermal Management	Passive			
LED Lifetime (L90)	>48,000 hrs			
Max. Ambient Temp.	35°C (95°F)			
THD	<10%			
IP Rating	IP65			
Warranty	5 Years			



GF 7.25

Increase Yield by 20%+ Complete Crop Coverage

CUBE is a scalable side-lighting system for indoor and greenhouse cannabis cultivators seeking to optimize yield. CUBE offers a robust trellising frame with integrated light bars to provide structural support and supplemental light where it's most needed. Each system deploys two levels of lightbars, covering 16 - 25ft² depending on the width of aisles or benches. Easy to assemble, adjust, install and clean, CUBE offers the most cost-effective means of supplementing PPFD/DLI to increase overall quality and yield.



The CUBE system increases lit surface area from 100-150% by adding light on all four sides of the crop. Deploy additional PPFD closer to the crop without risk of burning or photobleaching.



Featuring a snap-together design, CUBE can be assembled in less than 5 minutes to surround your crop, promoting larger and denser cola production.



All eight light bars can be angled independently of each other. When combined with adjustable legs, CUBE can accommodate any sized crop in any stage of growth,

Powered by TSRgrow Remote Power Servers

Lighting as a Platform (LaP)

- + Lighting as a service, the right amount at the right time
- + Set and automate your growing profiles. Remote monitoring, no more wondering
- + Build your financial model on consistent production and quality with TSRgrow distributed LED lighting solutions
- + Centralized operation and maintenance outside the grow area, no contamination or disruption to schedules
- + GROWHub Maintains 24x7 Crop Recipe for Consistent Production and Yields

Real Time Monitoring, Analytics and Crop Steering with GROWHub

Full control and monitoring over lighting and power for consistent quality yields every time. Manage, track and control every fixture and zone in your grow.

Software monitoring and control intelligence for cultivation optimization to minimize operating costs while providing crop to crop historical comparisons for growing consistency.

High Voltage Remote Driver

Ideal for large scale growing

Power Factor	>0.95
Efficiency	94%
Input Voltage	208-480 VAC
Output Modules	8
Output Power	24 K (3KW / Module)
Location	Outside Grow Room
Output Power	HVDC
Dimming & Control Methods	0-10V, PoE, Ethernet
Connectors & Transmission Hardware	RJ11, RJ12, RJ45, Quick Disconnect, Flying Leads, Terminal Block, USB
Integral Control Capabilities	Energy Monitoring, Dimming: 0-100%
Local and Cloud Control	Yes
Scheduling	Yes
Monitoring	Yes
DLI Control	Yes

