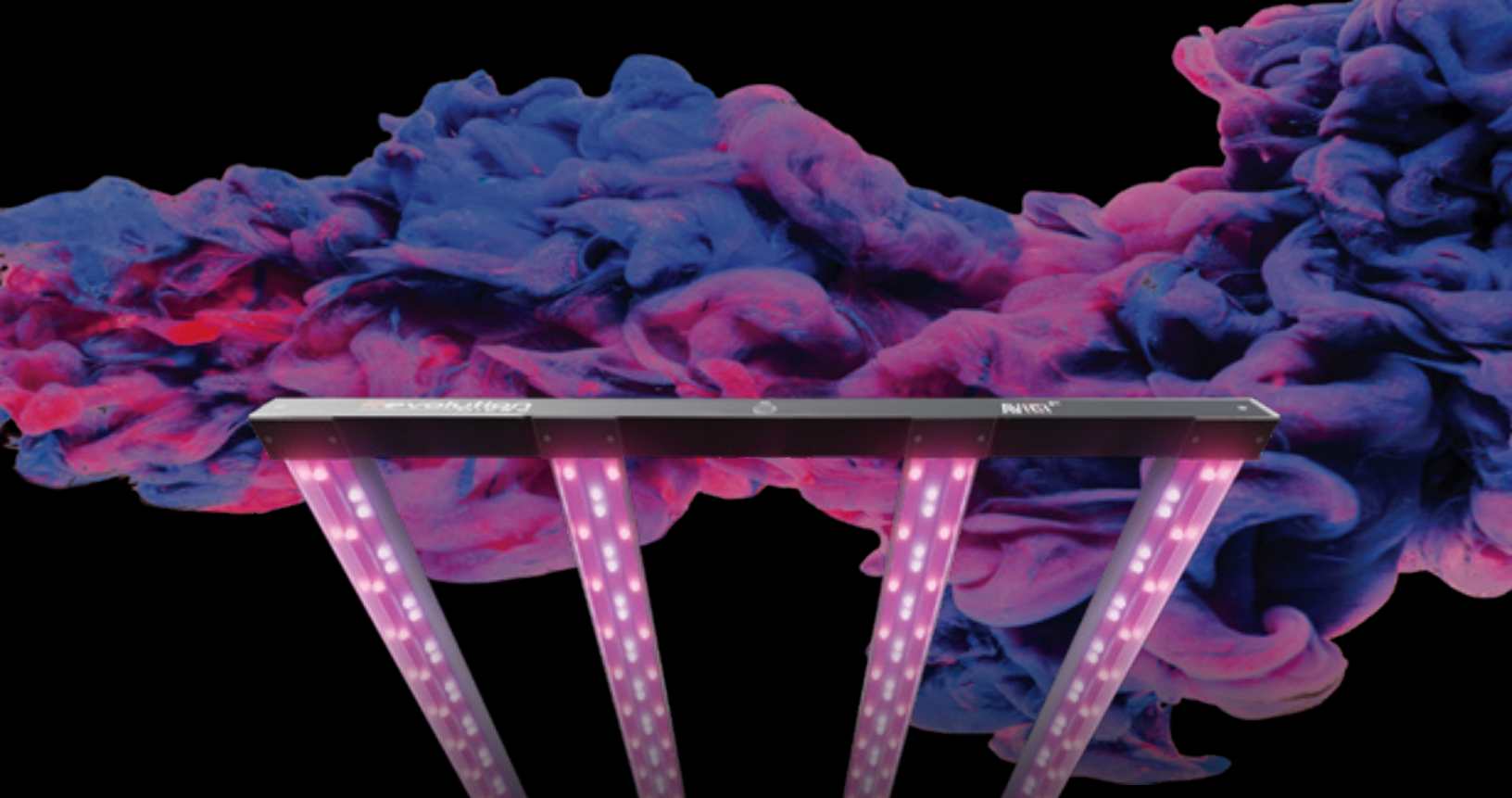

AVICI V4

Low Profile Veg Rack LED

PROGRAMMABLE SPECTRUM
CHANGES EVERYTHING

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PROGRAMMABLE SPECTRUM CHANGES EVERYTHING

Spectrum is the most influential factor in plant development. By adjusting the ratio of colors, cultivators get precision control of their plant's full genetic potential.

- Target Terpenes
- Fine Tune Development

Spectrum Controls Growth

- Plant Height
- Foliage Density
- Internodal Spacing
- Root Development

- Terpene Development
- Cannabinoid Content
- Color and Aroma
- Flavor Profile

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LIGHT SPECTRUM AND CHEMICAL EXPRESSION

A plant's chemical composition influences its color, flavor, aroma, and psychoactive effects. The Avici's programmable spectrum gives cultivators the power to fine tune development and unlock the plant's full genetic potential.

Target Chemical Expression

A programmable spectrum gives cultivators the tools to enhance chemical profiles for specific end uses.

Target Development

Strategically adjusting the spectrum can dramatically alter the way a plant looks, smells, and tastes, giving large scale cultivators craft level precision.

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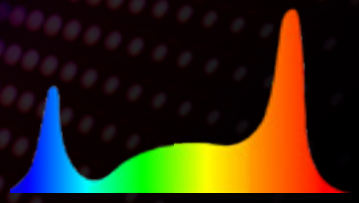
SPECTRUM PRESETS AND CUSTOMIZATION IDEAS

Easy plug and play presets to get you started.

Clone

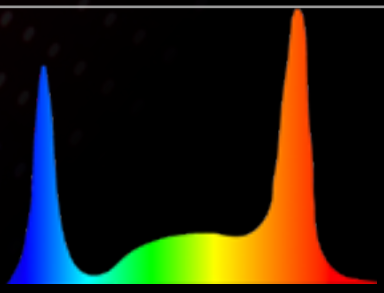
We initially boost blue to shorten internodal spacing in young plants. You could add more red to further drive growth or to elongate dense plants.



5 Blue 10 White 5 Red

Veg

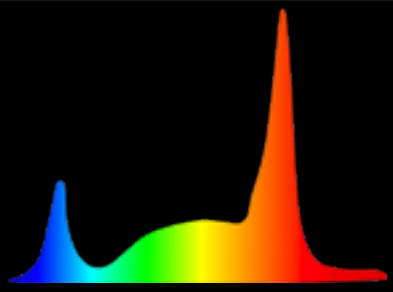
Here we heighten everything to drive growth, although some strains of cannabis might benefit from slightly higher blue or red depending on their natural morphology.



10 Blue 10 White 10 Red

Flower

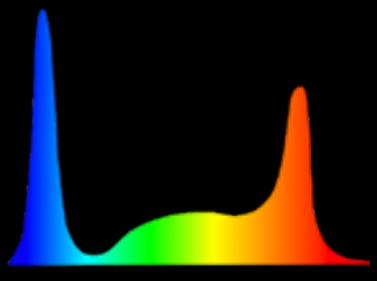
Red becomes more abundant in the fall and signals plants to flower. We boost red during this stage to hasten flowering and shorten cycles for more harvests per year.



5 Blue 10 White 10 Red

Finish

End of cycle we boost blue for a richer terpene profile and purpler buds. Some cultivators have slowly increased blue throughout production with great results.



10 Blue 10 White 5 Red

4.32% TERPENES

Avici client **Trade Roots** harvested 4.32% terpenes and 33% TAC.

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AVIC!

ADAPTIVE
FUTURE-PROOF SPECTRUM

Always Up to Date.
Always Competitive.

Lighting is the most important investment in a cultivation facility; every reaction in the plant is driven by light.

As cultivation science improves, change your spectrum with the push of a button, rather than changing lamps.

Technological Flexibility

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LONGEST LASTING

150,000 Hour Rated Life

How Do We Know?

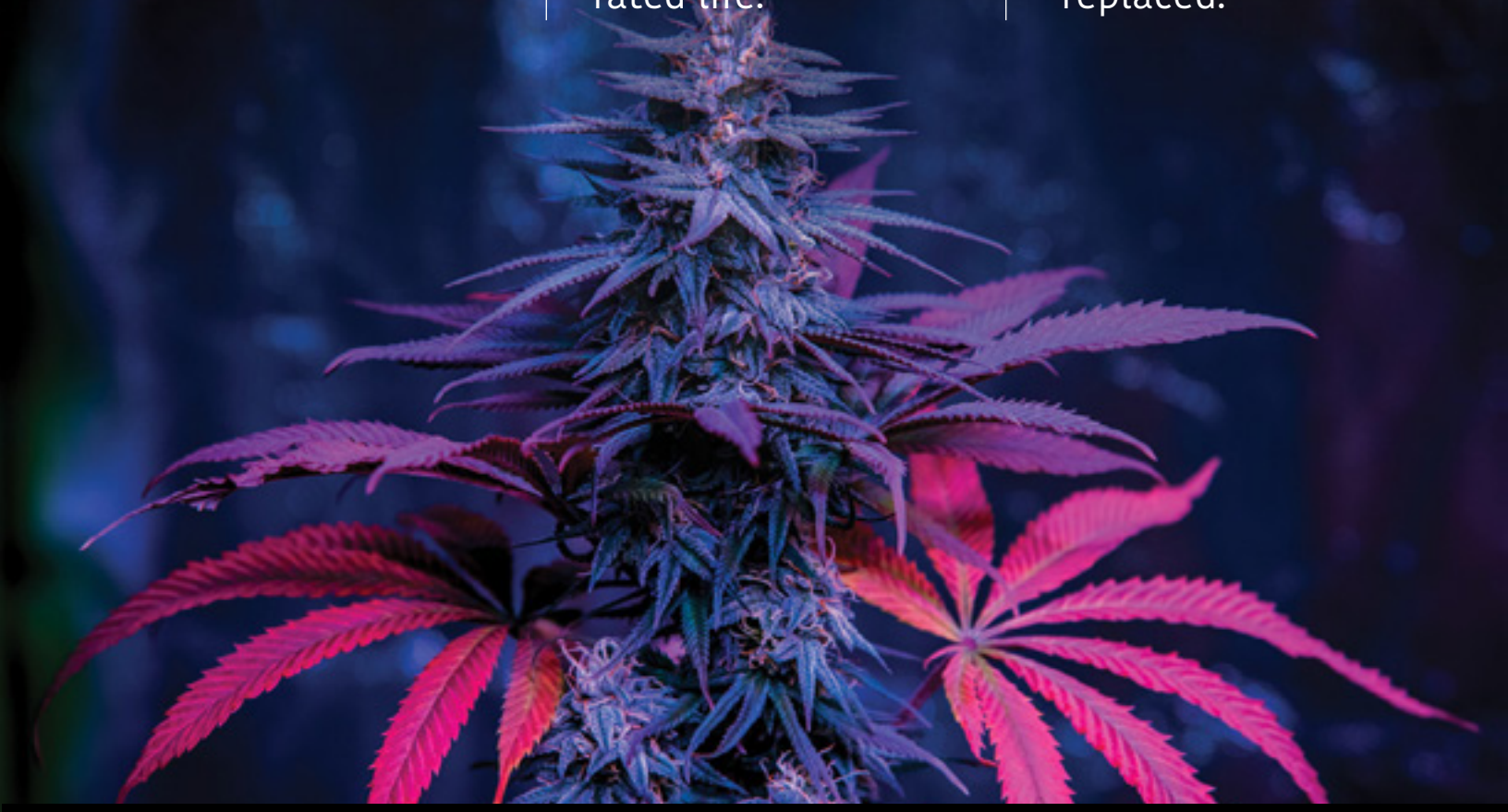
We use OSRAM's diode specifications and NASA's soldering standards to calculate our rated life.

Reliable

The Avici Series has a 150,000 hour life, three times industry standard. Cultivators can trust in the superior reliability of a high rated life.

Higher ROI

Avici stays brighter for longer, growing more cannabis and continuing to pay for itself long after other fixtures need to be replaced.



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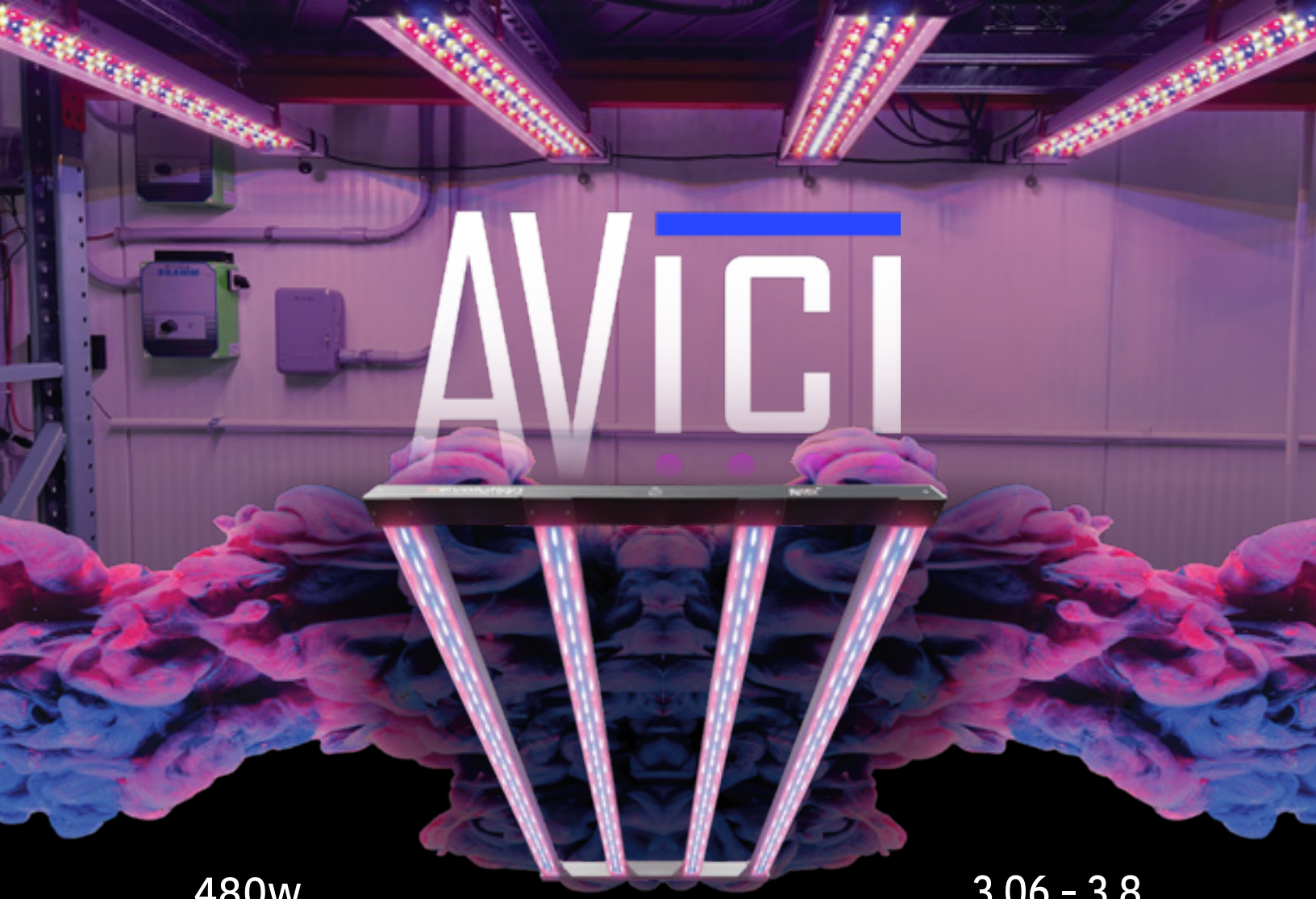

480w
1,480 uMole

High output for maximum yield and development.

V4

3.06 - 3.8
uMole/J Efficacy

Programmable Spectrum with high efficiency options.

Veg Light Features

- 650 uMole PPFD in a uniform 4' x 4'
- IP67 Waterproof
- Ultra Low Profile for Racking
- Programmable Spectrum

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AVICI V4

Limited Lifetime Warranty

CE Certified

FCC Part 15 B

CSA Certified

RoHS and RoHS2

Spectrum	Programmable
PPF	1,480 uMole/sec dimmable in 1% steps
Max Wattage	480w
Input Current	2A @ 240, 1.7A @ 277v, 1.4@ 347v, 1@ 480v
Input Voltage	240v, 277v, 347v or 480v
Power Factor	0.99 @ 277 volts
Light Source	Osram OSLON LED array
Rated Life (LM90)	> 150,000 hours
Efficacy	3.06 - 3.8 uMole/J
Operating Temperature	35C
Fixture Temperature	55C
Ingress Rating	IP67
RMH (Recommended Mounted Height Above Canopy)	> 12”
Footprint @RMH	4’ x 4’
Dimming / Spectrum Control	External Controller
Dimensions	45 x 45 x 2.5 inches (~ 24 lbs)

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