



AVICI 1500

High Output LED

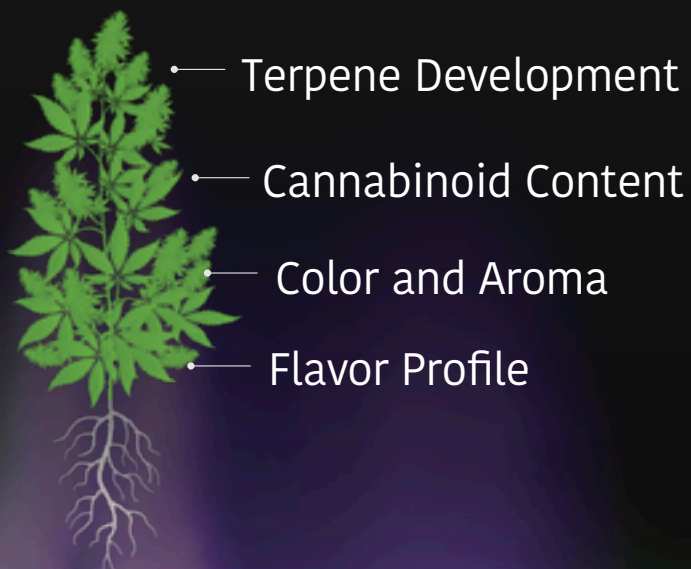
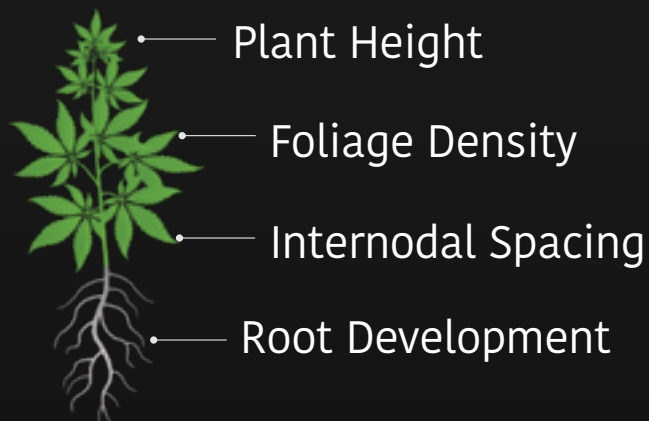
PROGRAMMABLE SPECTRUM
CHANGES EVERYTHING

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



LIGHT SPECTRUM AND CHEMICAL EXPRESSION

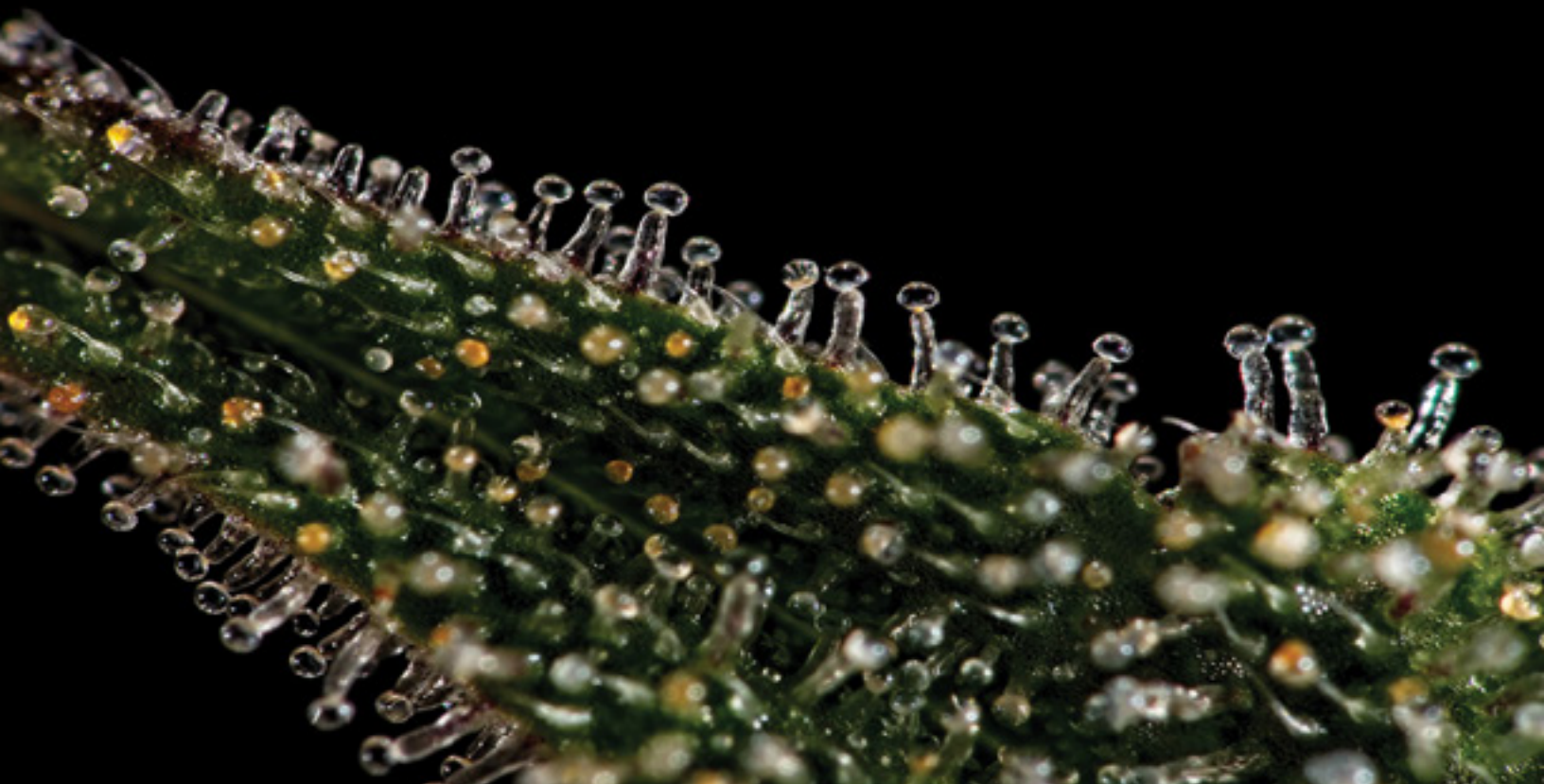
A plant's chemical composition influences its color, flavor, aroma, and psychoactive effects. The Avici's programmable spectrum gives cultivators the power to fine tune development and unlock the plant's full genetic potential.

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.

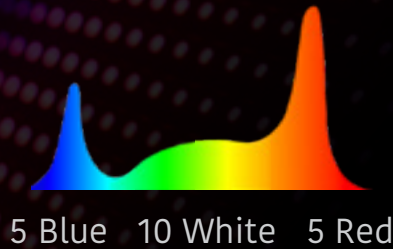


SPECTRUM PRESETS AND CUSTOMIZATION IDEAS

Easy plug and play presets to get you started.

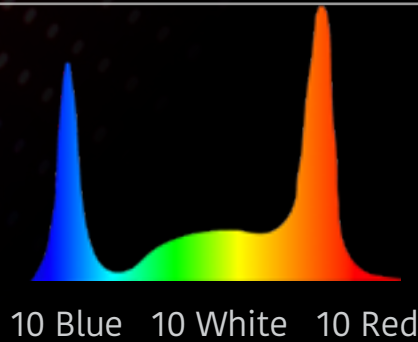
Clone

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.



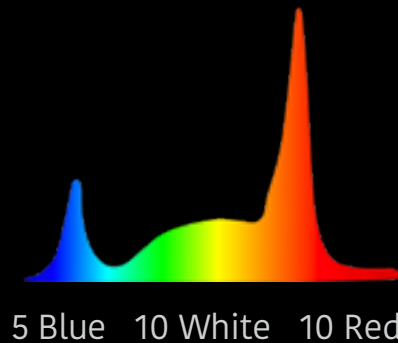
Veg

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.



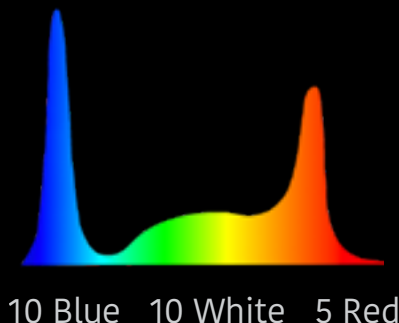
Flower

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.



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.



**4.32%
TERPENES**

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

AVICI

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

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.



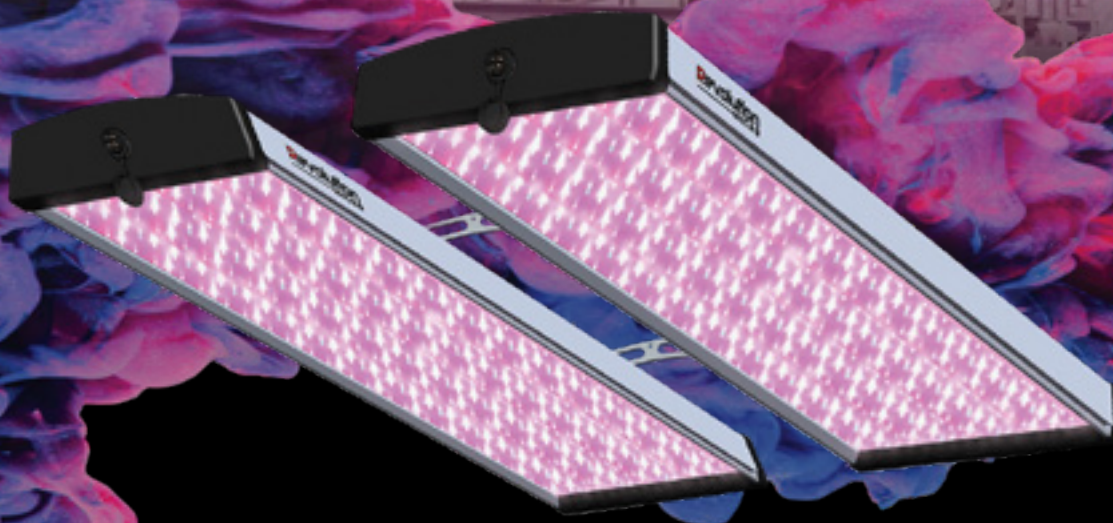
Higher ROI

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



AVICI

1500



High Ceiling Application

4,790 $\mu\text{Mole/s}$

The Avici provides better development and **higher yield**.

1,500w

The Avici 1500w is low profile with an efficacy of 3.06-3.8 $\mu\text{Mole/J}$.

AVICI 1500

Limited Lifetime
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	4,790 uMole/sec dimmable in 1% steps
Max Wattage	1,500w
Input Current	12.5 A @ 120 volts, 6.25 A @ 240 volts, 5.4 A @ 277 volts
Input Voltage	120/240/277 volts AC, 50/60 Hz or 347v 50/60 Hz
Input Power Plug	NEMA 6-15P (240v) or NEMA 5 or NEMA L7P
Power Factor	0.99 @ 120 volts
Light Source	Osram OSOLON LED array
Rated Life (LM90)	> 150,000 hours
Efficacy	3.06 - 3.8 uMole/J
Operational Temperature	35C
Fixture Temperature	55C
Ingress Rating	IP67
RMH (Recommended Mounted Height Above Canopy)	> 18"
Dimming / Spectrum Control	External Controller
Dimensions	331mm x 1143mm x 76mm (~ 45" x 42" x 3") 35 kg (~ 77.2 lbs)