

# AVICI <sup>F8</sup>

High Yielding Flower Racks

PROGRAMMABLE SPECTRUM  
CHANGES EVERYTHING

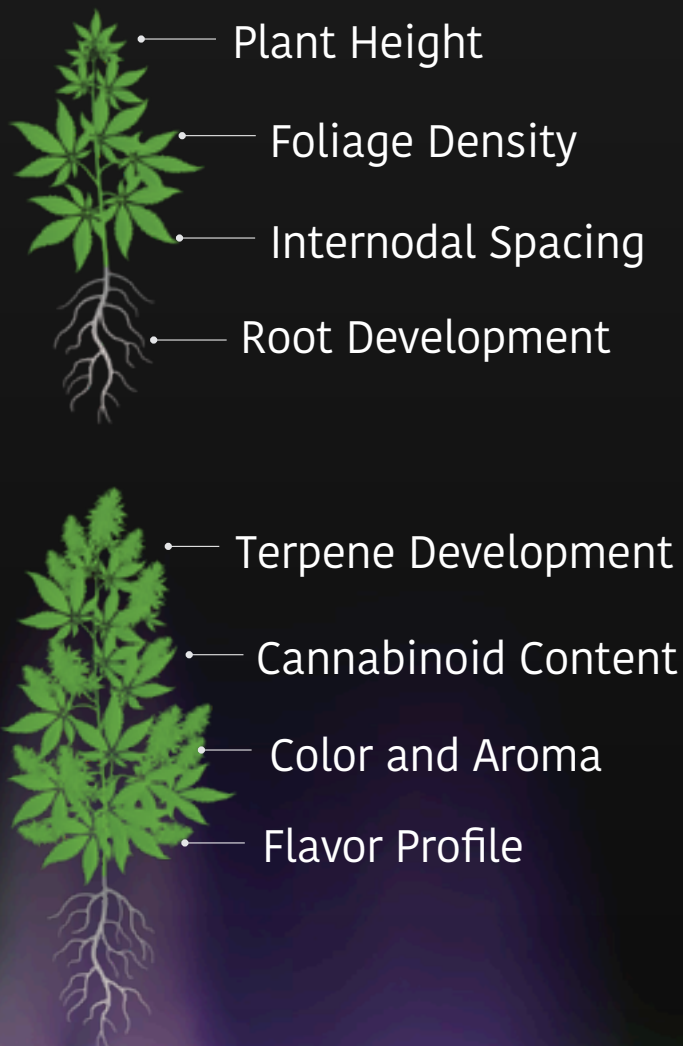
# PROGRAMMABLE SPECTRUM CHANGES EVERYTHING

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

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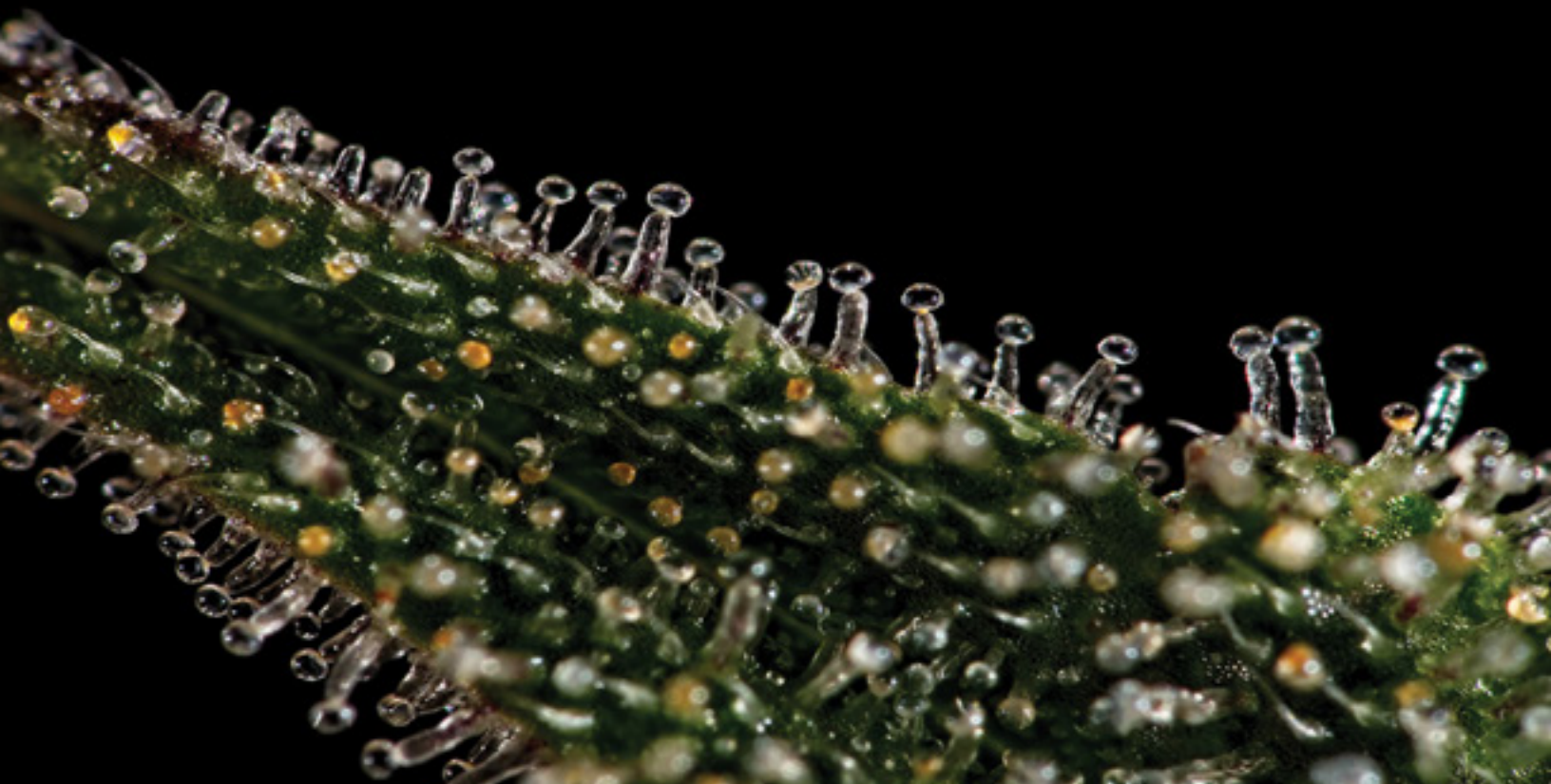
A plant's chemical composition influences its color, flavor, aroma, and psychoactive effects. The Avici's programmable spectrum gives cultivators the power to fine tune development and unlock the plant's full genetic potential.

## 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.



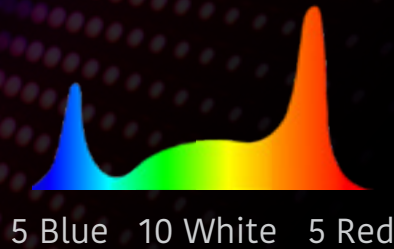


# SPECTRUM PRESETS AND CUSTOMIZATION IDEAS

Easy plug and play presets to get you started.

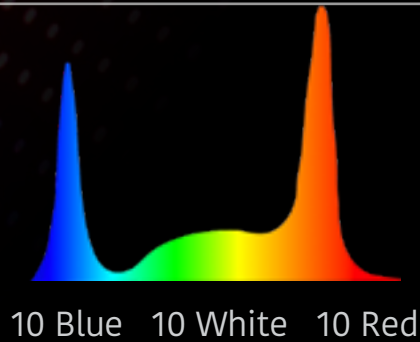
## Clone

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.



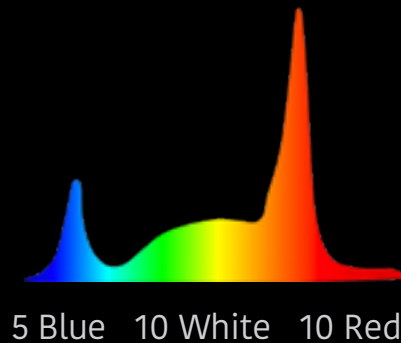
## Veg

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.



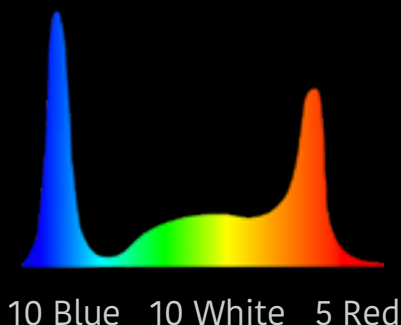
## Flower

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

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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



960w

2955  $\mu$ Mole

High output for maximum yield and development.

F8

3.06 - 3.8

$\mu$ Mole/J Efficacy

Programmable Spectrum with high efficiency options.

## Flower Light Features



1280  $\mu$ Mole in a uniform 4' x 4'



IP67 Waterproof



Ultra Low Profile for Racking



Programmable Spectrum





# AVICI F8

Limited Lifetime  
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	2,955 uMole/sec dimmable in 1% steps
Max Wattage	960w
Input Current	4A @ 240, 3.5A @ 277v, 2.8@ 347v, 2@ 480v
Input Voltage	240v, 277v, 347v or 480v
Power Factor	0.99 @ 277 volts
Light Source	Osram OSOLON 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 (~ 38 lbs)