



Low Profile Clone LED

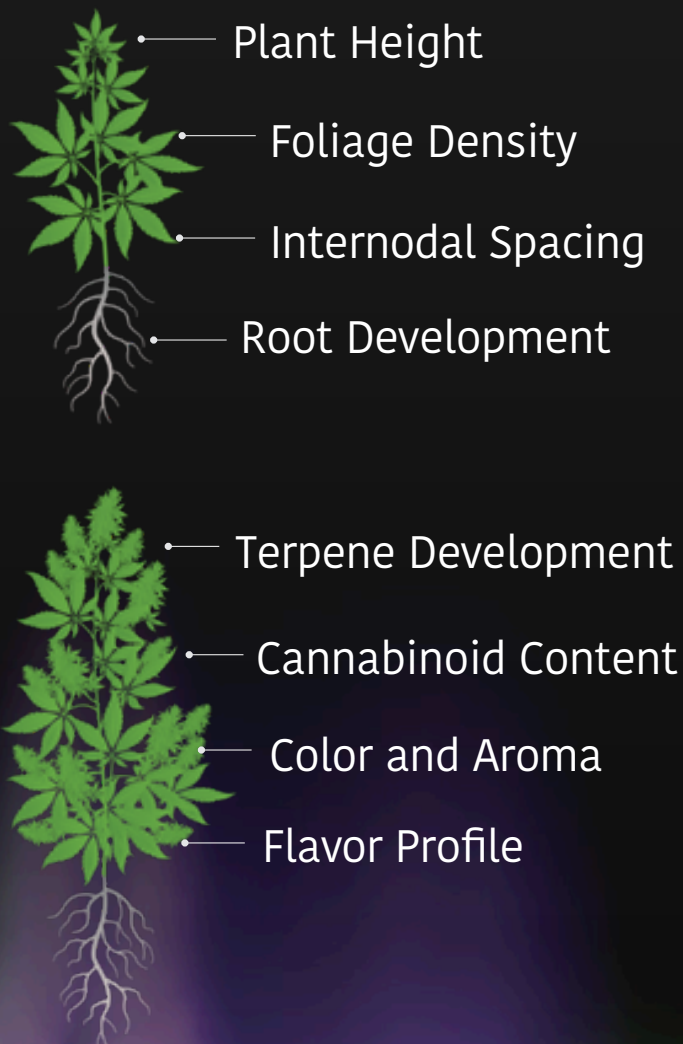
PROGRAMMABLE SPECTRUM  
CHANGES EVERYTHING

# 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

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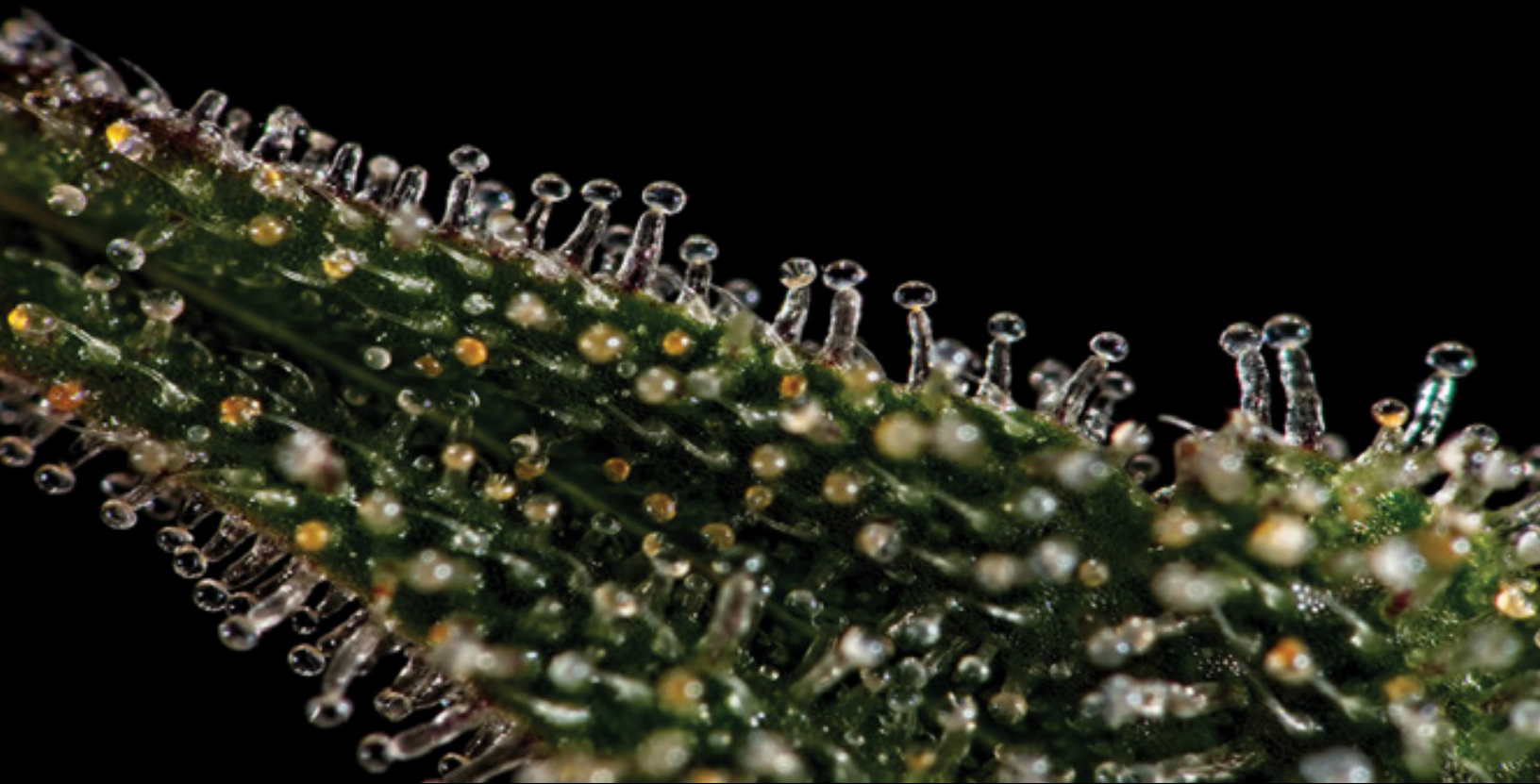
A plant's chemical composition influences its color, flavor, aroma, and psychoactive effects. The Avici's programmable spectrum gives cultivators the power to fine tune development and unlock the plant's full genetic potential.

## 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.



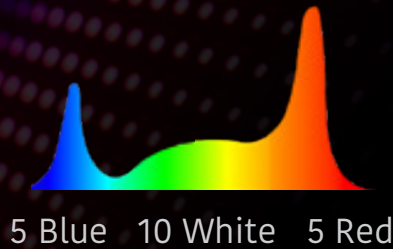


# SPECTRUM PRESETS AND CUSTOMIZATION IDEAS

Easy plug and play presets to get you started.

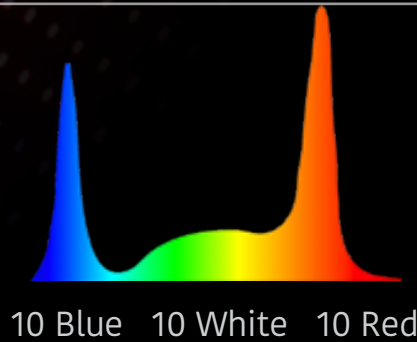
## Clone

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.



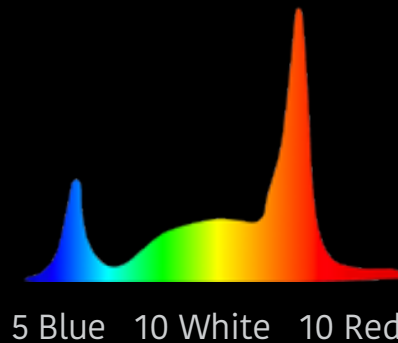
## Veg

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.



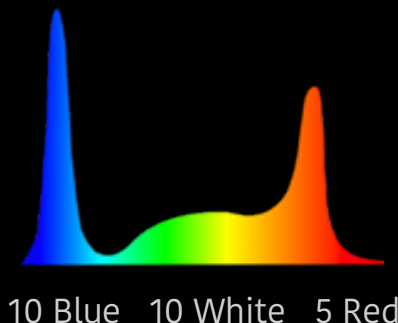
## Flower

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



60w  
185 uMole

C1

3.06 - 3.8  
uMole/J Efficacy

Easily dimmable for early stages of growth.

Programmable Spectrum with high efficiency options.

## Clone Light Features



190 uMole in  
a uniform 2' x 4'



IP67 Waterproof



Ultra Low Profile  
for Racking



Programmable  
Spectrum



# AVICI C1

Limited Lifetime  
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	185 uMole/sec dimmable in 1% steps
Max Wattage	60w
Input Current	0.25A @ 240, 0.27A @ 277v, 0.17@ 347v, 0.125@ 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	2' x 4'
Dimming / Spectrum Control	External Controller
Dimensions	45 x 2.5 x 2.5 inches (~ 12 lbs)