



# AVICI<sup>45</sup>

For Early Growth and Lettuce

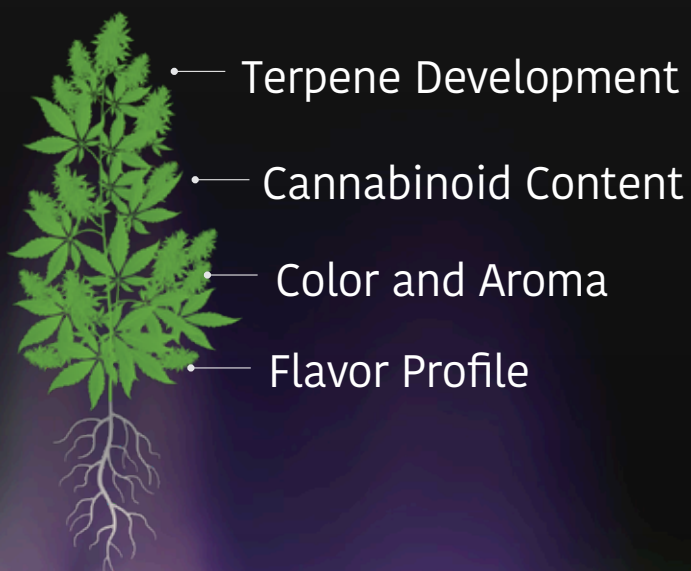
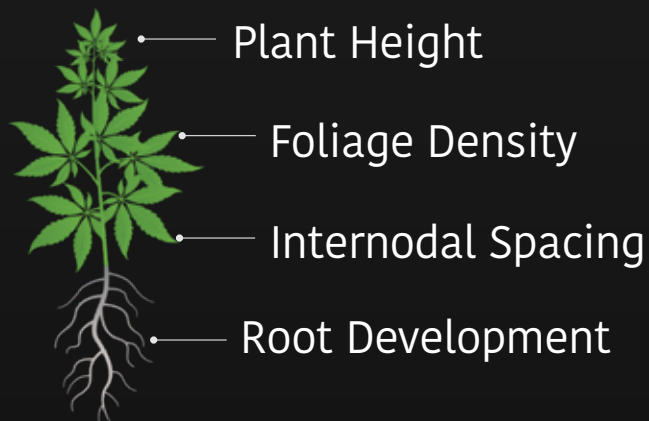
PROGRAMMABLE SPECTRUM  
CHANGES EVERYTHING

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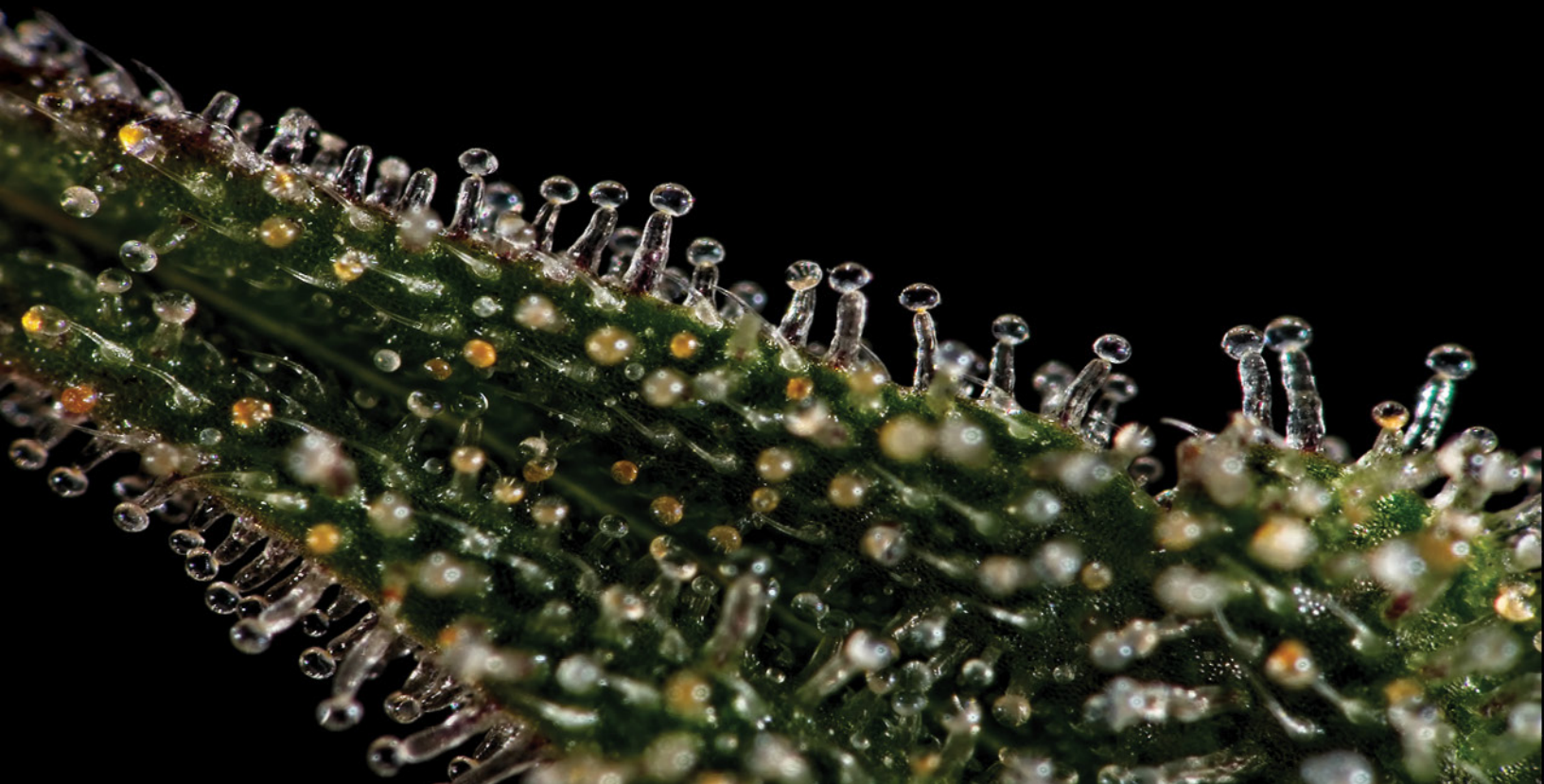
A plant's chemical composition influences its color, flavor, aroma, and psychoactive effects. The Avici's programmable spectrum gives cultivators the power to fine tune development and unlock the plant's full genetic potential.

## Target Chemical Expression

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

## Target Development

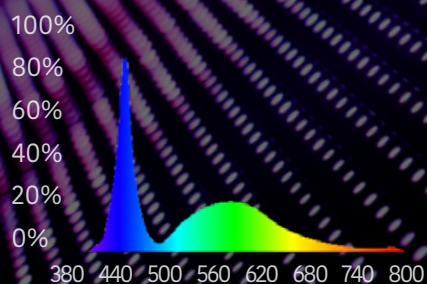
Strategically adjusting the spectrum can dramatically alter the way a plant looks, smells, and tastes, giving large scale cultivators craft level precision.



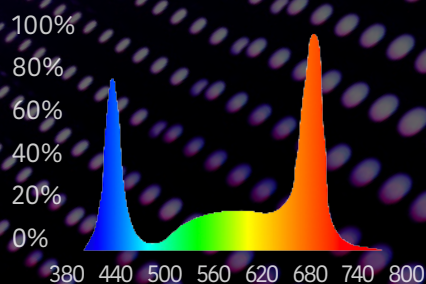


# EASE OF WORKFLOW

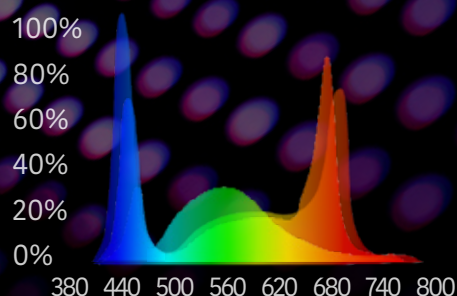
Change seasons at the touch of a button.



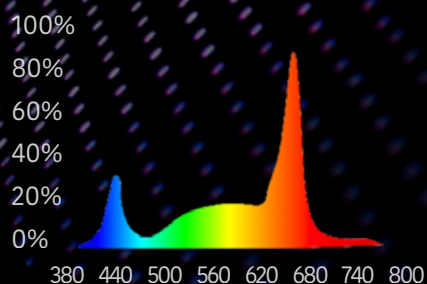
Clone Spectrum



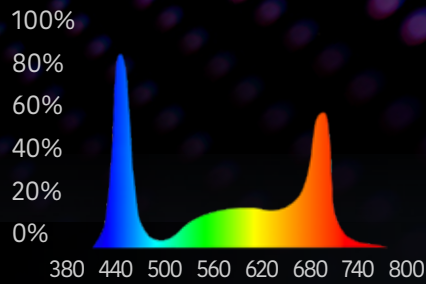
Veg Spectrum



Customizable



Flower Spectrum



Finish Spectrum

*“Seed to harvest  
under one light.”*

Avici's seasonal presets and programmable spectrum area easily customized with Revolution's TouchMi controller for a more streamlined workflow.



# 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.



# The AVICI Series

## 45 Series



Clone



Lettuce



Mother

45w Per Bar, High Uniformity

Multiple Applications

	45v1	45v5	45v7
Suggested Application	Clone	Leafy Greens	Mother
Power	45w	225w	315w
PPF	138	693	970
Footprint	2' x 4'	4' x 4'	4' x 4'
Hang Height	9"	12"	12"





# AVICI 45v7

Mother Phase Solution

**970  $\mu$ Mole/s**

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

**315w**

A low profile, mother stage light with ultimate uniformity in a 4' x 4'.



# AVICI 45v7

Limited Lifetime  
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	970 uMole/sec dimmable in 1% steps
Max Wattage	315w
Input Current	1.3A @ 240, 1.13A @ 277v, 0.91@ 347v, 0.66@ 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
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 (~ 20 lbs)





# AVICI 45v5

Lettuce and Leafy Greens

**693  $\mu\text{Mole/s}$**

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

**225w**

A low profile, high output light with ultimate uniformity in a 4' x 4'.





# AVICI 45v5

Limited Lifetime  
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	693 uMole/sec dimmable in 1% steps
Max Wattage	225w
Input Current	0.94A @ 240, 0.81A @ 277v, 0.65@ 347v, 0.47@ 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
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 (~ 20 lbs)





# AVICI 45v1

Early Growth Phase Solution

**138  $\mu\text{Mole/s}$**

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

**45w**

A low profile, high output light with ultimate uniformity in a 2' x 4'.



# AVICI 45v1

Limited Lifetime  
Warranty



CE Certified



FCC Part 15 B



CSA Certified



RoHS and RoHS2



Spectrum	Programmable
PPF	138 uMole/sec dimmable in 1% steps
Max Wattage	45w
Input Current	0.19A @ 240, 0.16A @ 277v, 0.13@ 347v, 0.09@ 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
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)