AVICI 245

LED Toplight Series

PROGRAMMABLE SPECTRUM
CHANGES EVERYTHING

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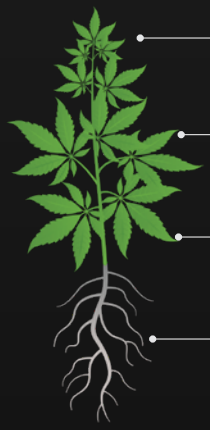
PROGRAMMABLE SPECTRUM CHANGES EVERYTHING

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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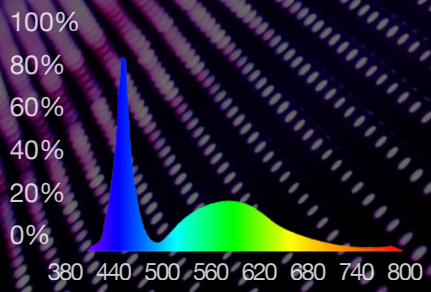
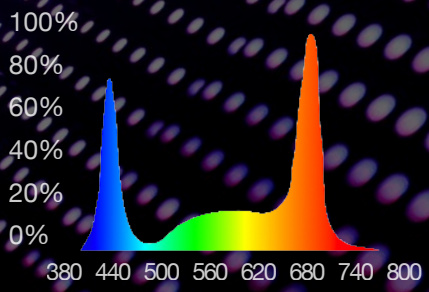
EASE OF WORKFLOW

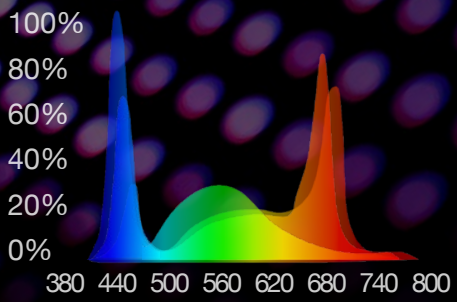
Change seasons at the touch of a button.



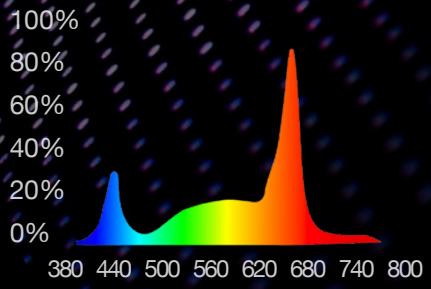
Clone Spectrum



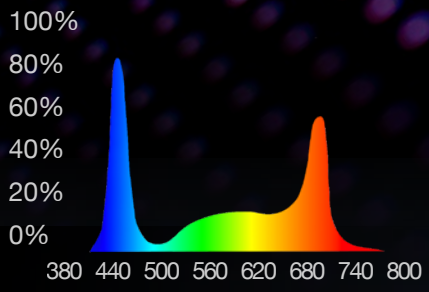
Veg Spectrum



Customizable



Flower Spectrum



Finish Spectrum

"Seed to harvest under one light."

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

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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

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LONGEST LASTING

150,000 Hour Rated Life

How Do We Know?

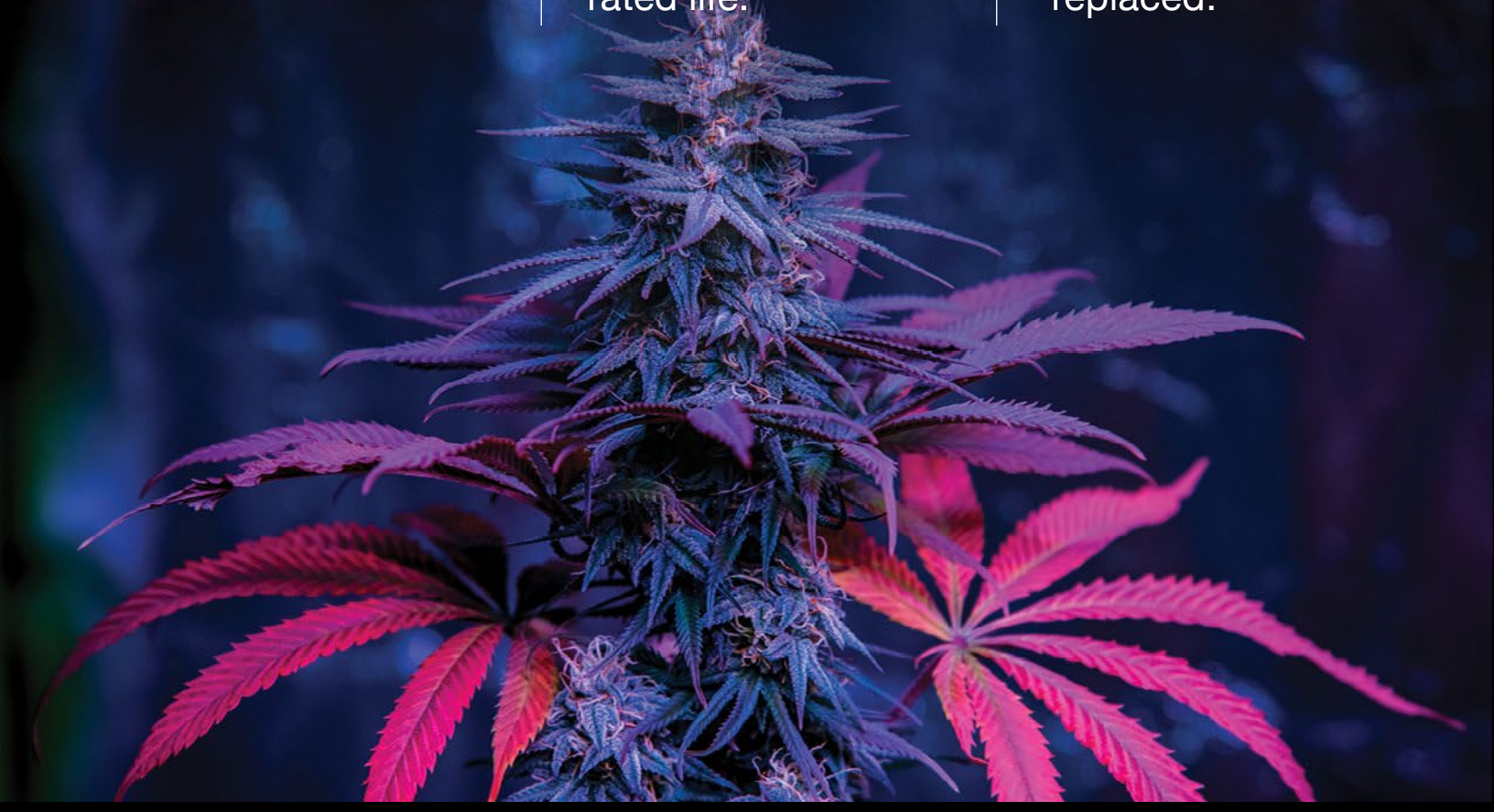
We use OSRAM's diode specifications and NASA's soldering standards to calculate our rated life.

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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The AVICI Series

Avici 245

IP67 Toplight

Racking or High Bay

245w Per Bar, High Uniformity

Multiple Applications

	245v1	245v3	245v4
Suggested Application	Toplight	Flower	Flower
Power	245w	735w	980w
PPF	570	1,710	2,280
Footprint	2’ x 4’	4’ x 4’	4’ x 4’
Hang Height	> 18”	> 18”	> 18”

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Low Profile ◦ Vertical Farming

2080 uMole/s

The Avici provides better development and higher yield.

IP67

The V series are an easy to clean, waterproof, GMP certified solution.

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AVICI 245v4

Limited Lifetime Warranty

CE Certified

FCC Part 15 B

DLC Listed

CSA Certified

RoHS and RoHS2

Spectrum	Programmable
PPF	2,280 µMole/sec dimmable in 1% steps
Max Wattage	980w
Input Current	4.1A @ 240v, 3.5A @ 277v, 2.8A @ 347v, 2.0 @ 480v
Input Voltage	240v, 277v, 347v or 480v
Power Factor	0.99 @ 277 volts
Light Source	Osram OSLON LED array
Rated Life	> 150,000 hours
Operational Temperature	35C
Fixture Temperature	55C
Ingress Rating	IP67
RMH (Recommended Mounted Height Above Canopy)	> 16”
Footprint @RMH	5’ x 5’
Dimming / Spectrum Control	External Controller
Dimensions	52 x 45 x 4 inches (~ 47.5 lbs)

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Low Profile ◦ Vertical Farming

1710 uMole/s

High output with programmable spectrum to target development.

IP67

The V series are an easy to clean, waterproof, GMP certified solution.

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AVICI 245v3

Limited Lifetime Warranty

CE Certified

FCC Part 15 B

DLC Listed

CSA Certified

RoHS and RoHS2

Spectrum	Programmable
PPF	1710 µMole/sec dimmable in 1% steps
Max Wattage	735w
Input Current	3.1A @ 240v, 2.6A @ 277v, 2.1A @ 347v, 1.5A @ 480v
Input Voltage	240v, 277v, 347v or 480v
Power Factor	0.99 @ 277 volts
Light Source	Osram OSLON LED array
Rated Life	> 150,000 hours
Operating Temperature	35C
Fixture Temperature	55C
Ingress Rating	IP67
RMH (Recommended Mounted Height Above Canopy)	> 16”
Footprint @RMH	4’ x 4’
Dimming / Spectrum Control	External Controller
Dimensions	36.5 x 45 x 4 inches (~ 38lbs)

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Low Profile ◦ Vertical Farming

570 uMole/s

High output with programmable spectrum to target development.

IP67

The V series are an easy to clean, waterproof, GMP certified solution.

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AVICI 245v1

Limited Lifetime Warranty

CE Certified

FCC Part 15 B

DLC Listed

CSA Certified

RoHS and RoHS2

Spectrum	Programmable
PPF	570 µMole/sec dimmable in 1% steps
Max Wattage	245w per Bar
Input Current	1.1A @ 240, 0.88A @ 277v, 0.71@ 347v, 0.51@ 480v
Input Voltage	240v, 277v, 347v or 480v
Power Factor	0.99 @ 277 volts
Light Source	Osram OSLON LED array
Rated Life	> 150,000 hours
Operating Temperature	35C
Fixture Temperature	55C
Ingress Rating	IP67
RMH (Recommended Mounted Height Above Canopy)	> 16”
Footprint @RMH	1’6” x 4’
Dimming / Spectrum Control	External Controller
Dimensions	45 x 5.5 x 2.5 inches (~ 12 lbs)

Revolution MICRO

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