

# The AVICI Series

## 45 Series



Clone



Lettuce



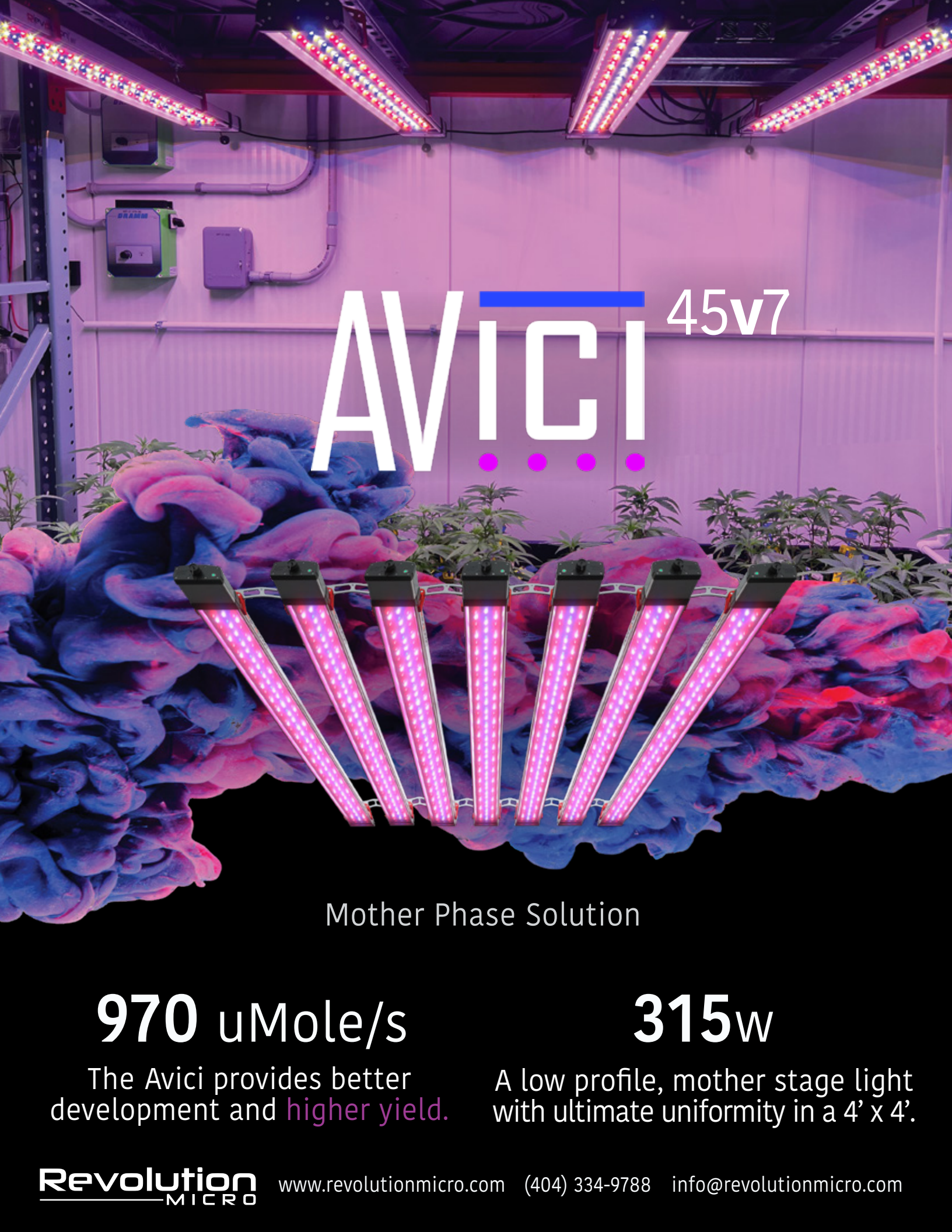
Mother

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  $\mu$ 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)                  |