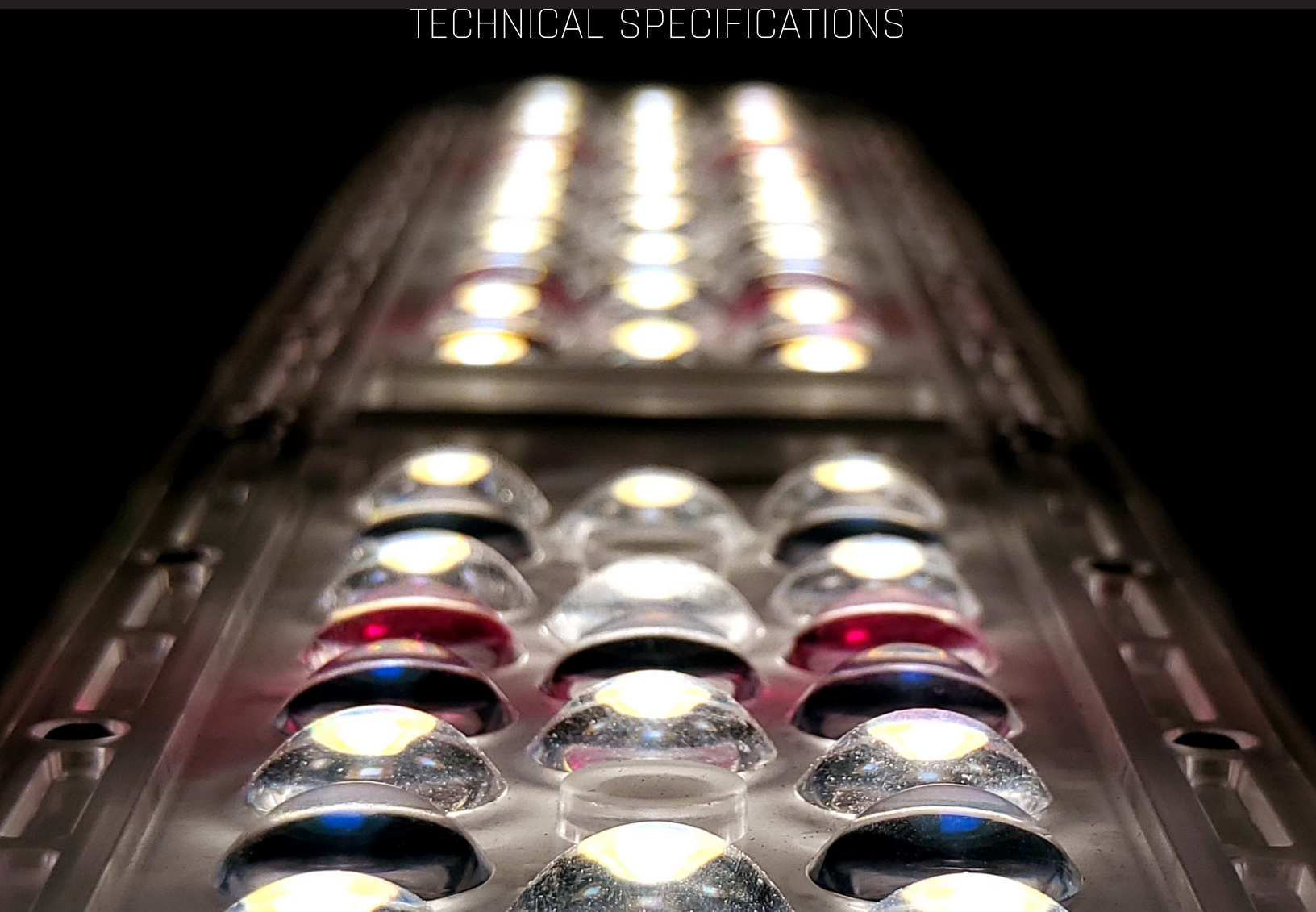




# ARIES

TECHNICAL SPECIFICATIONS



# A SIMPLE MISSION

*Build innovative products,  
operate sustainably,  
and inspire the best among our industry.*



# THE FOHSE VISION

We see a future where excellence in technology has evolved the capabilities of indoor agriculture beyond nature itself.

*For us at Fohse™  
this means a vision  
where growers around  
the world enjoy the  
benefits of our  
innovations.*



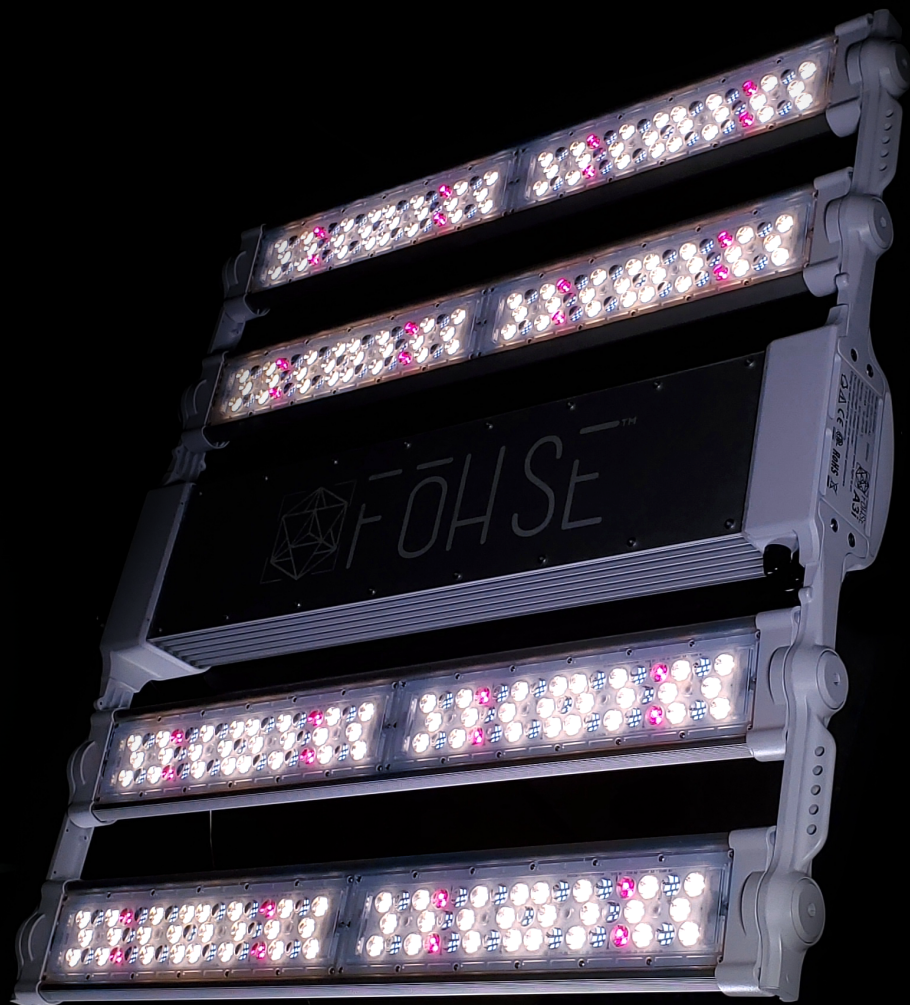


FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING

# ARIES 640W

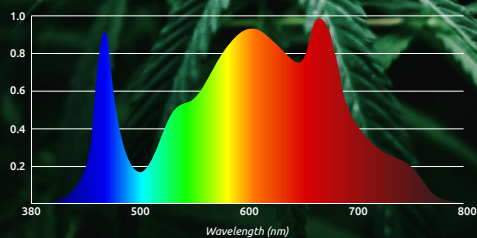
## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,792 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power) <small>SPRING SPECTRUM</small>	2.8 - 3.0 $\mu\text{Mol/J}$
Input power	640W
Input voltage	Options up to 480V
Fixture dimensions	33L x 33W x 4.25H in
Weight	50 lbs
Thermal management	Passive
BTUs / hour	2,183
Dimming	30%
Lens angle	100°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP67
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter
Mounting	Universal Hanging

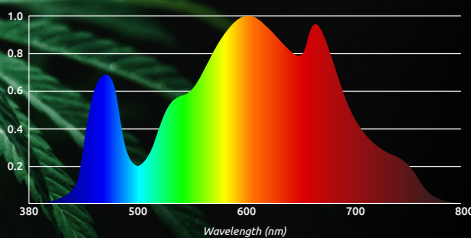


## Spectrophotometer Test Reports Fohse™ Aries 640W

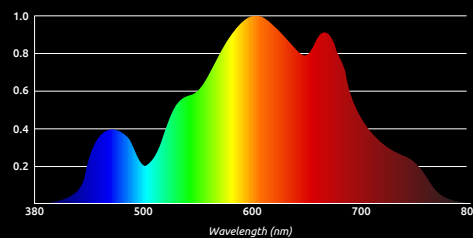
Spring Spectrum

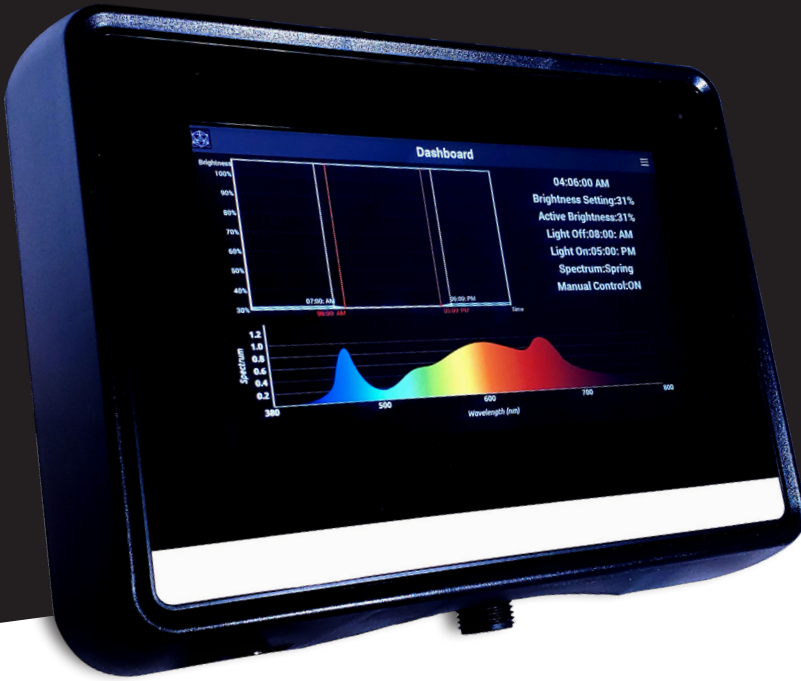


Summer Spectrum



Autumn Spectrum

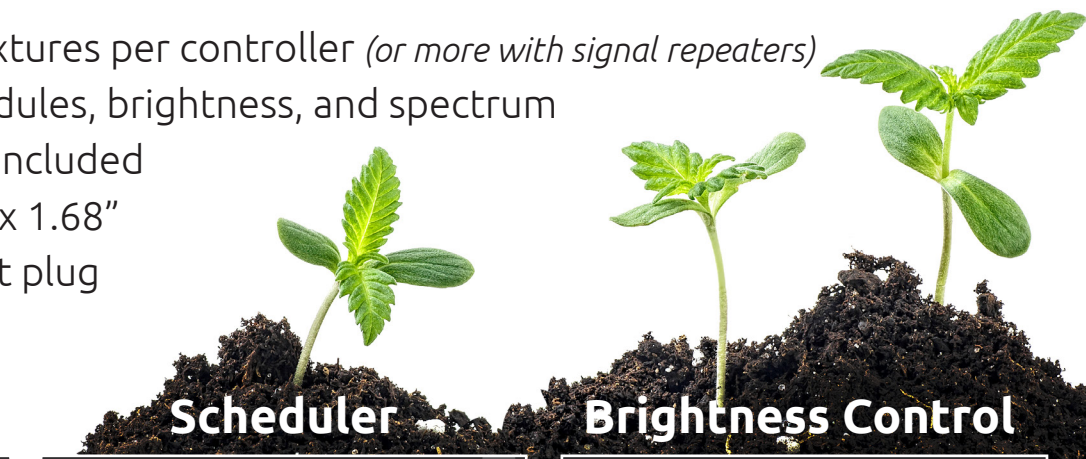




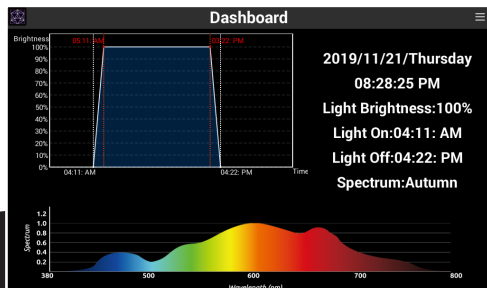
# CENTRAL CONTROL

AUTOMATED MANAGEMENT  
OF YOUR FOHSE LED ARRAY

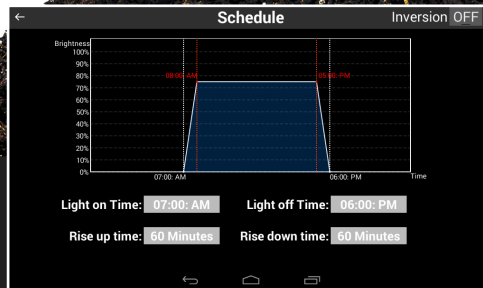
- Daisy chain up to 100 fixtures per controller (*or more with signal repeaters*)
- Automate lighting schedules, brightness, and spectrum
- Wall-mounting bracket included
- Compact size : 9" x 6.7" x 1.68"
- Standard 110 volt outlet plug
- Input power : 10 Watts



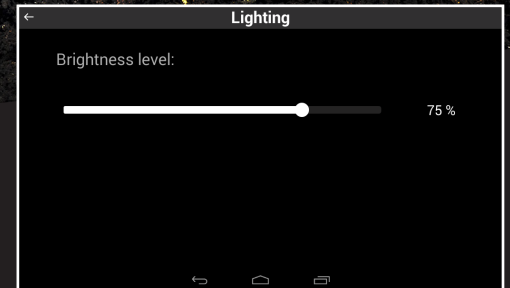
## Homescreen



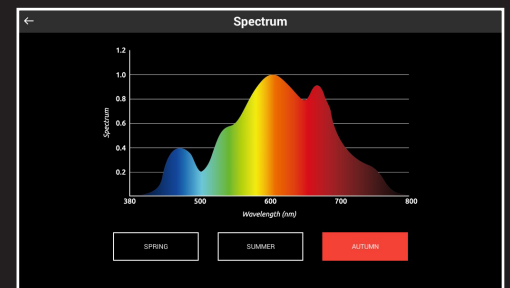
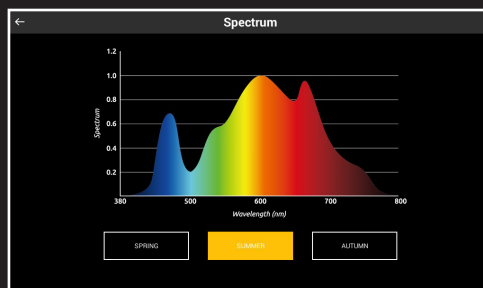
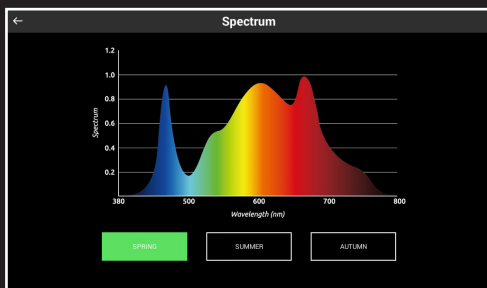
## Scheduler



## Brightness Control



## Spectrum Selection





[www.Fohse.com](http://www.Fohse.com)

**FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING**