FŌHSE™

FUTURE OF HORTICULTURAL

• PRODUCT OFFERINGS •



A SIMPLE MISSION

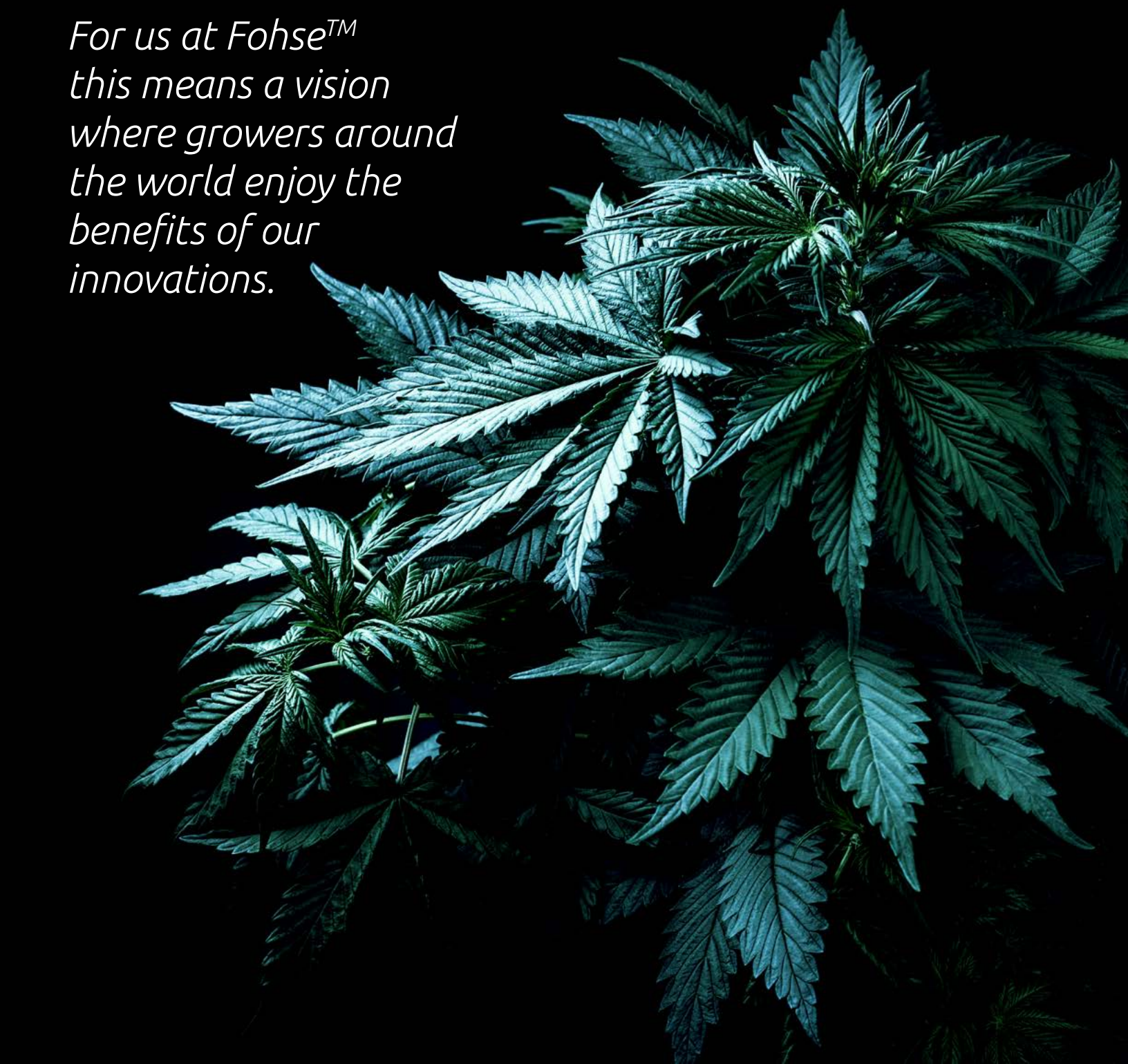
Build innovative products,
operate sustainably,
and inspire the best among our industry.



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.



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FUTURE OF HORTICULTURAL SCIENCE + ENGINEERING

A3i 1500W

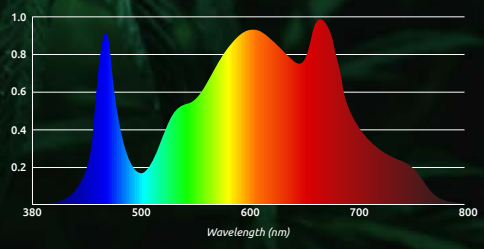
FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	4,529 µMol/s
Fixture Efficacy (100% - 50% power) *SPRING SPECTRUM*	3.01 - 3.31 µMol/J
Input power	1480W
Input voltage	Options up to 480V
Fixture dimensions	42.28L x 42.5W x 4H in
Weight	70 lbs
Thermal management	Passive
Dimming	30%
Lens angle	90°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP67, CE
Communication protocol	CAN or BACNet
Mounting	Universal Hanging

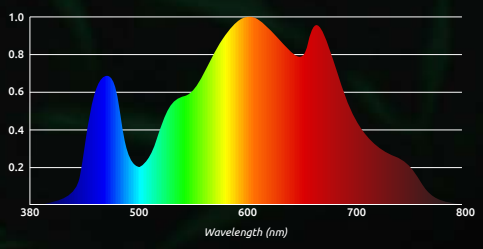


Spectrophotocolorimeter Test Reports
Fohse™ **A3i 1500W**

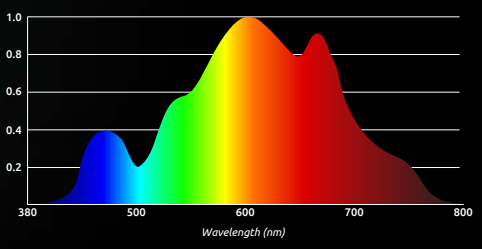
Spring Spectrum



Summer Spectrum



Autumn Spectrum



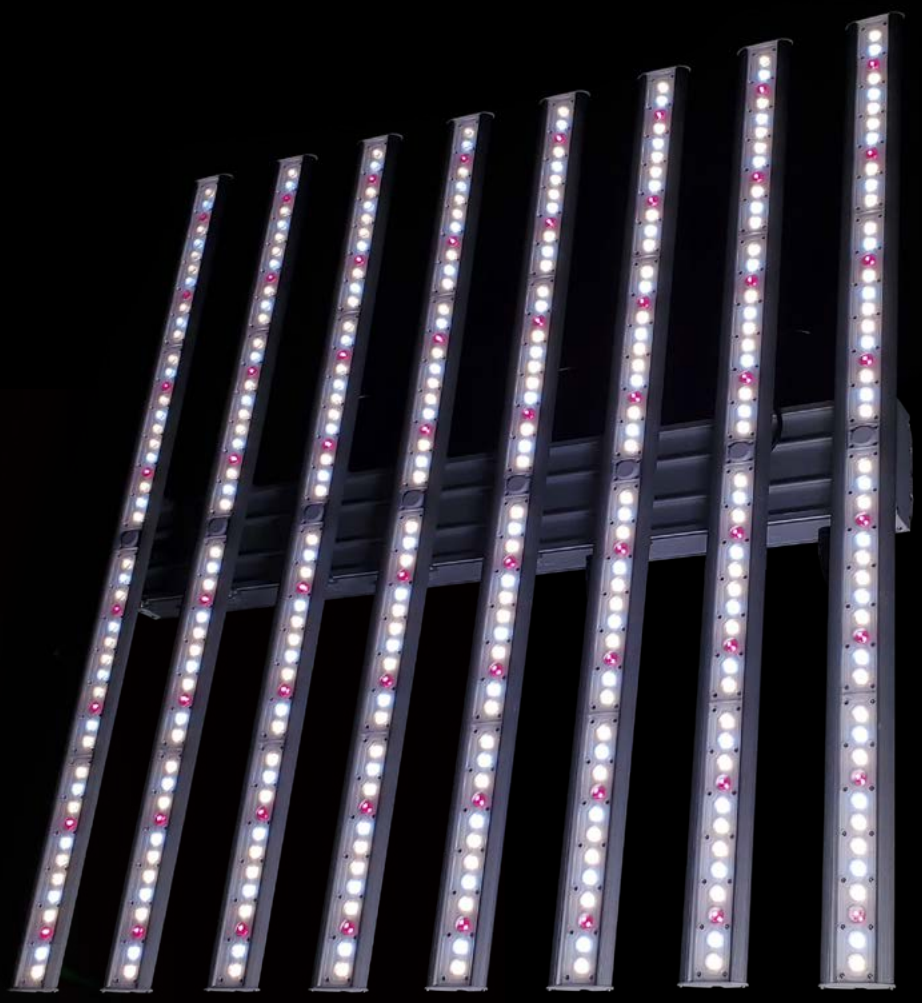
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F1V 1000W

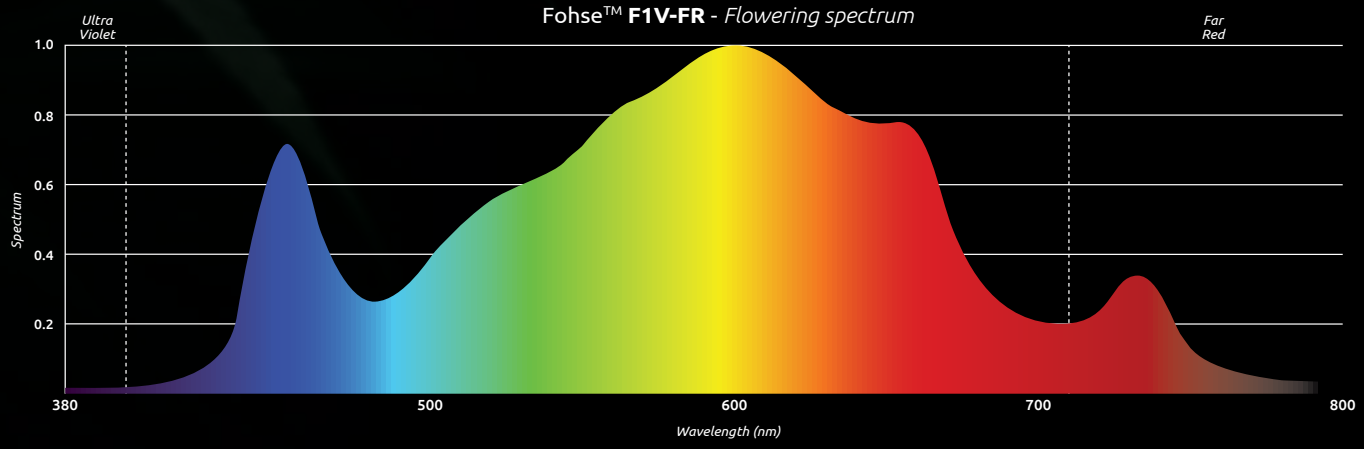
FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,800 µMol/s
Fixture Efficacy (100% - 50% power)	2.8 - 2.9 µMol/J
Input power	1000W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
BTUs / hour	3,412
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL1598 Damp location & IP55, CE
Communication protocol	CAN or BACNet
Mounting	Universal Hanging



Spectrophotocolorimeter Test Report
Fohse™ **F1V 1000W**

Spectrophotocolorimeter Test Report
Fohse™ **F1V-FR** - *Flowering spectrum*



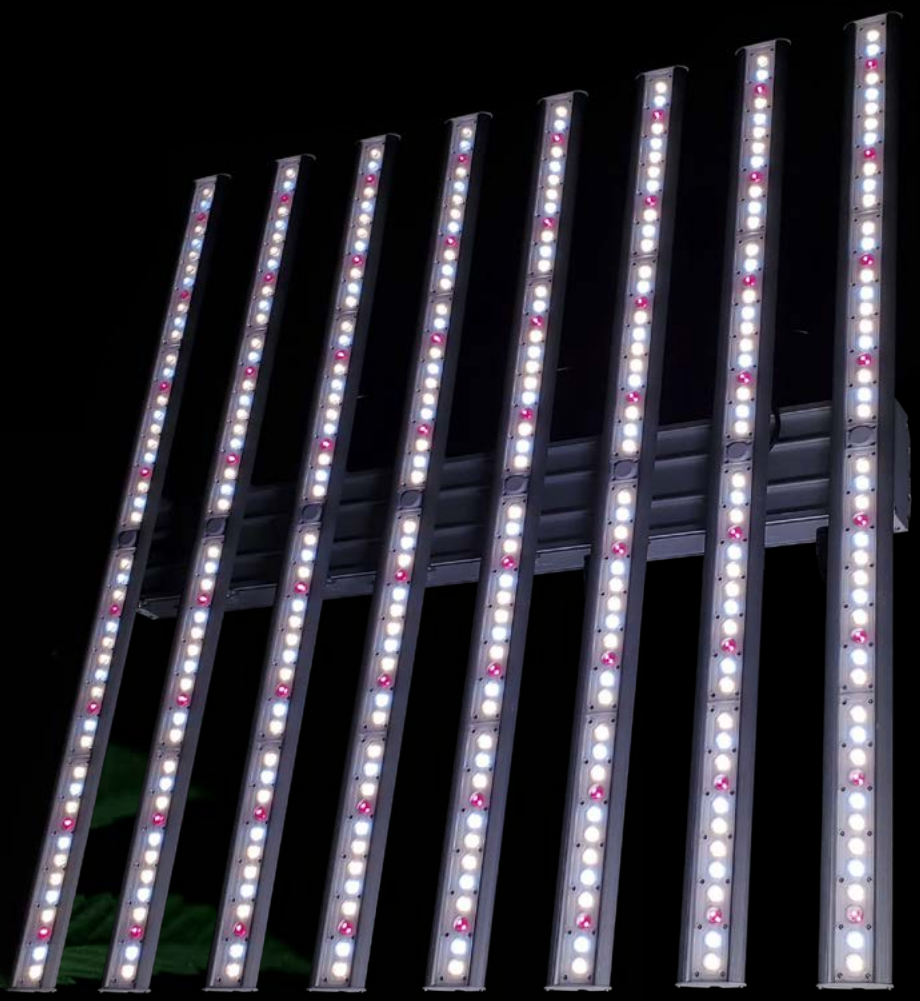
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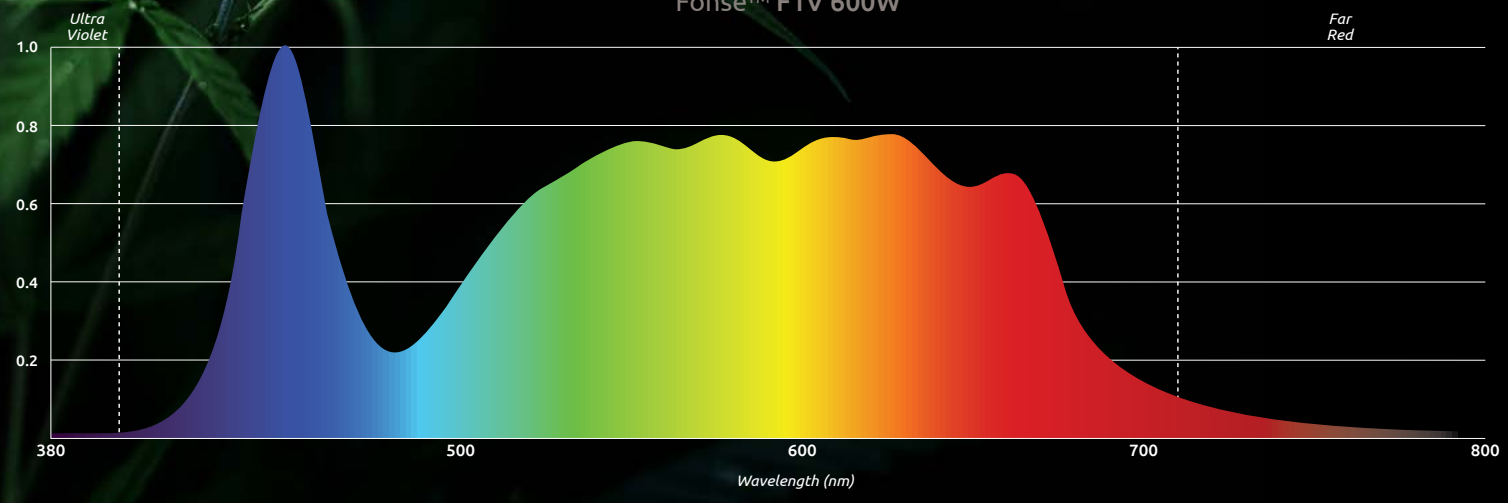
F1V 600W

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,845 µMol/s
Fixture Efficacy (100% - 50% power)	2.99 - 3.10 µMol/J
Input power	616W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
BTUs / hour	2,047
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL1598 Damp location & IP55, CE
Communication protocol	CAN or BACNet
Mounting	Universal Hanging



Spectrophotocolorimeter Test Report
Fohse™ F1V 600W



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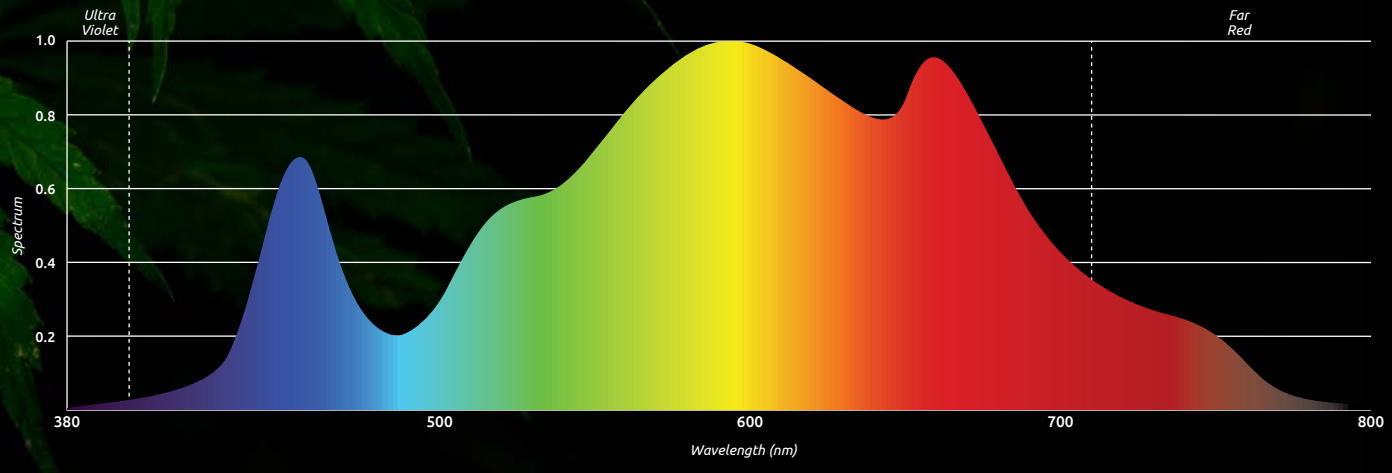
O6i 1200W

FIXTURE SPECIFICATIONS

Light source	CREE LEDs
PPF	2,400 µMol/s
Fixture Efficacy (100% - 50% power)	2.0 - 2.5 µMol/J
Input power	1200W
Input voltage	Options up to 480V
Fixture dimensions	16L x 8W x 13H in
Weight	35 lbs
Thermal management	Passive & Active
BTUs / hour	4,094
Dimming	30%
Lens angle	100°
CRI	80
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP67
Communication protocol	CAN or BACNet
Mounting	Universal Hanging



Spectrophotocolorimeter Test Report
Fohse™ **O6i 1200W**



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ARIES 640W

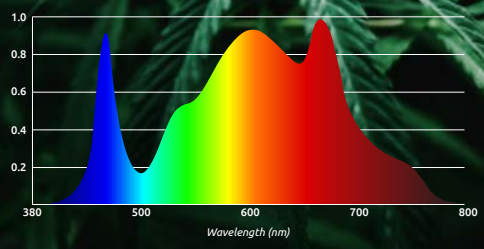
FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,920 µMol/s
Fixture Efficacy (100% - 50% power) *SPRING SPECTRUM*	3.01 - 3.30 µMol/J
Input power	640W
Input voltage	Options up to 480V
Fixture dimensions	33L x 33W x 4.25H in
Weight	34 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	CAN or BACNet
Mounting	Universal Hanging

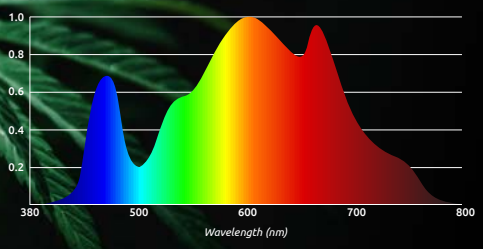


Spectrophotocolorimeter Test Reports
Fohse™ Aries 640W

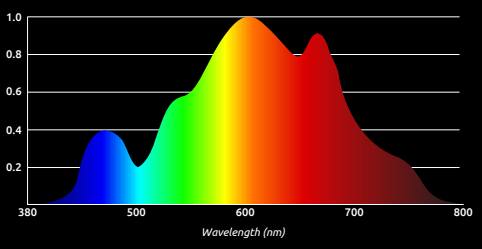
Spring Spectrum



Summer Spectrum

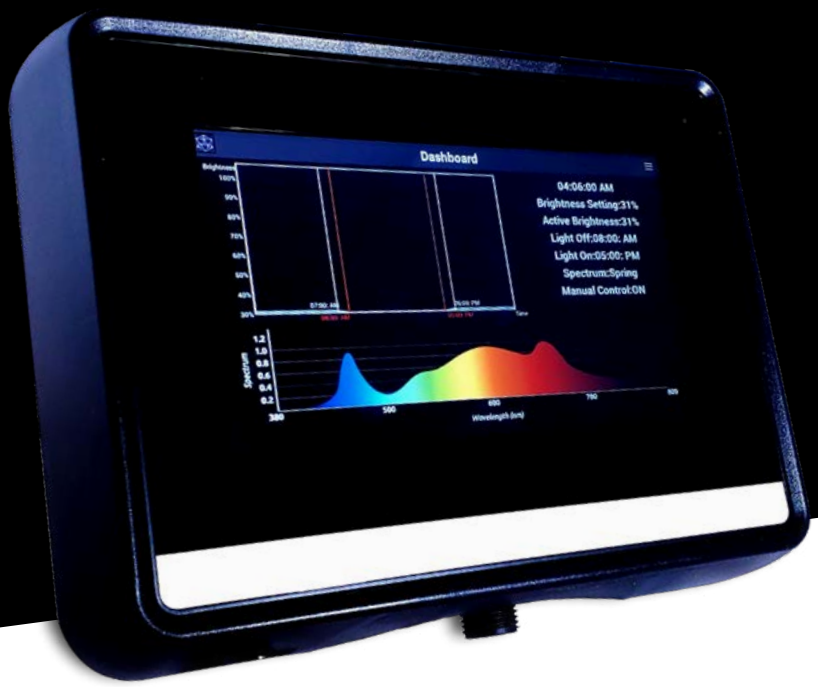


Autumn Spectrum



FŌHSE™

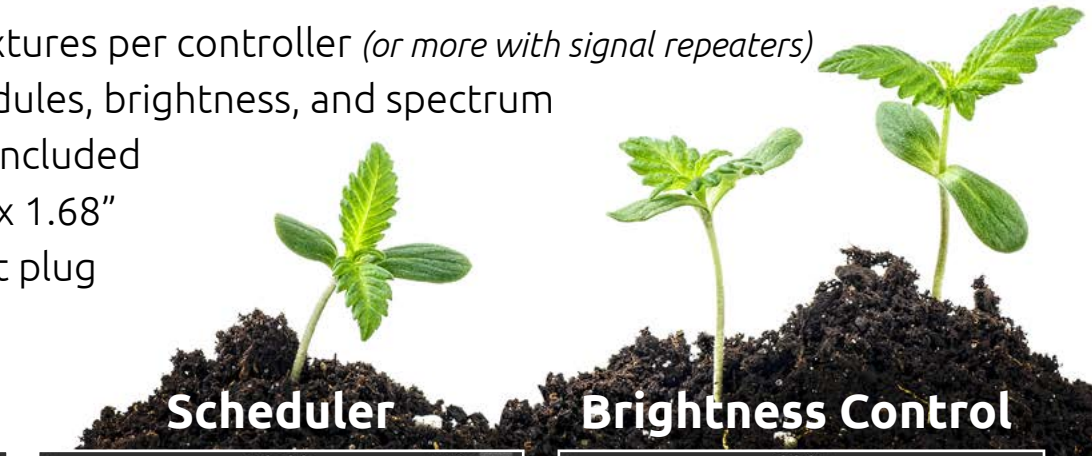
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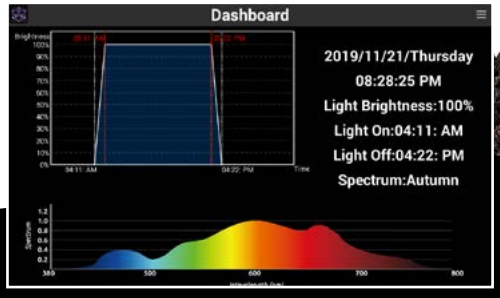
CENTRAL CONTROL

AUTOMATED MANAGEMENT OF YOUR FOHSE LED ARRAY

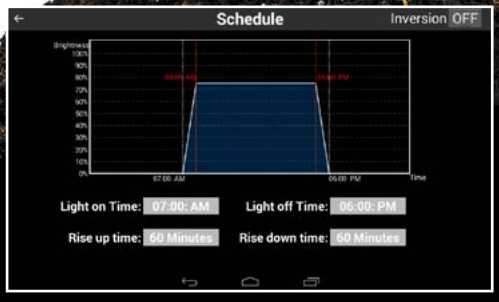
- Daisy chain up to 100 fixtures per controller *(or more with signal repeaters)*
- Automate lighting schedules, brightness, and spectrum
- Wall-mounting bracket included
- Compact size : 9” x 6.7” x 1.68”
- Standard 110 volt outlet plug
- Input power : 10 Watts



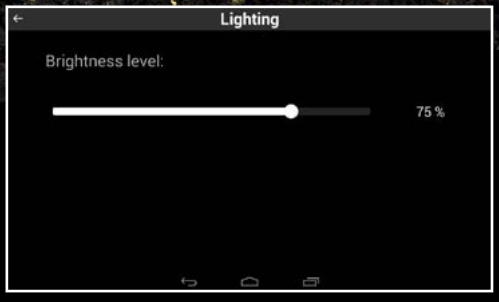
Homescreen



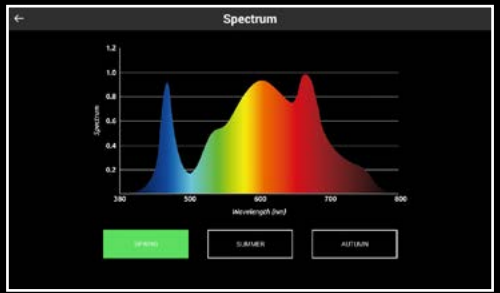
Scheduler

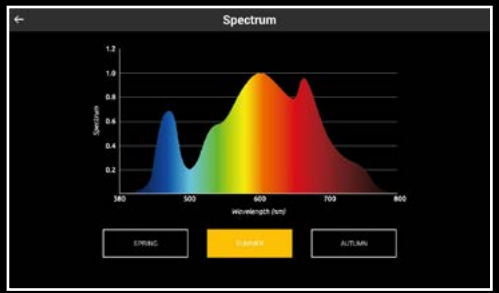


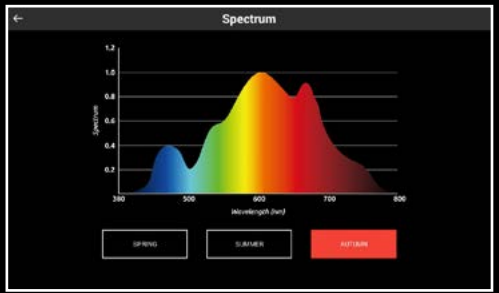
Brightness Control



Spectrum Selection







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