

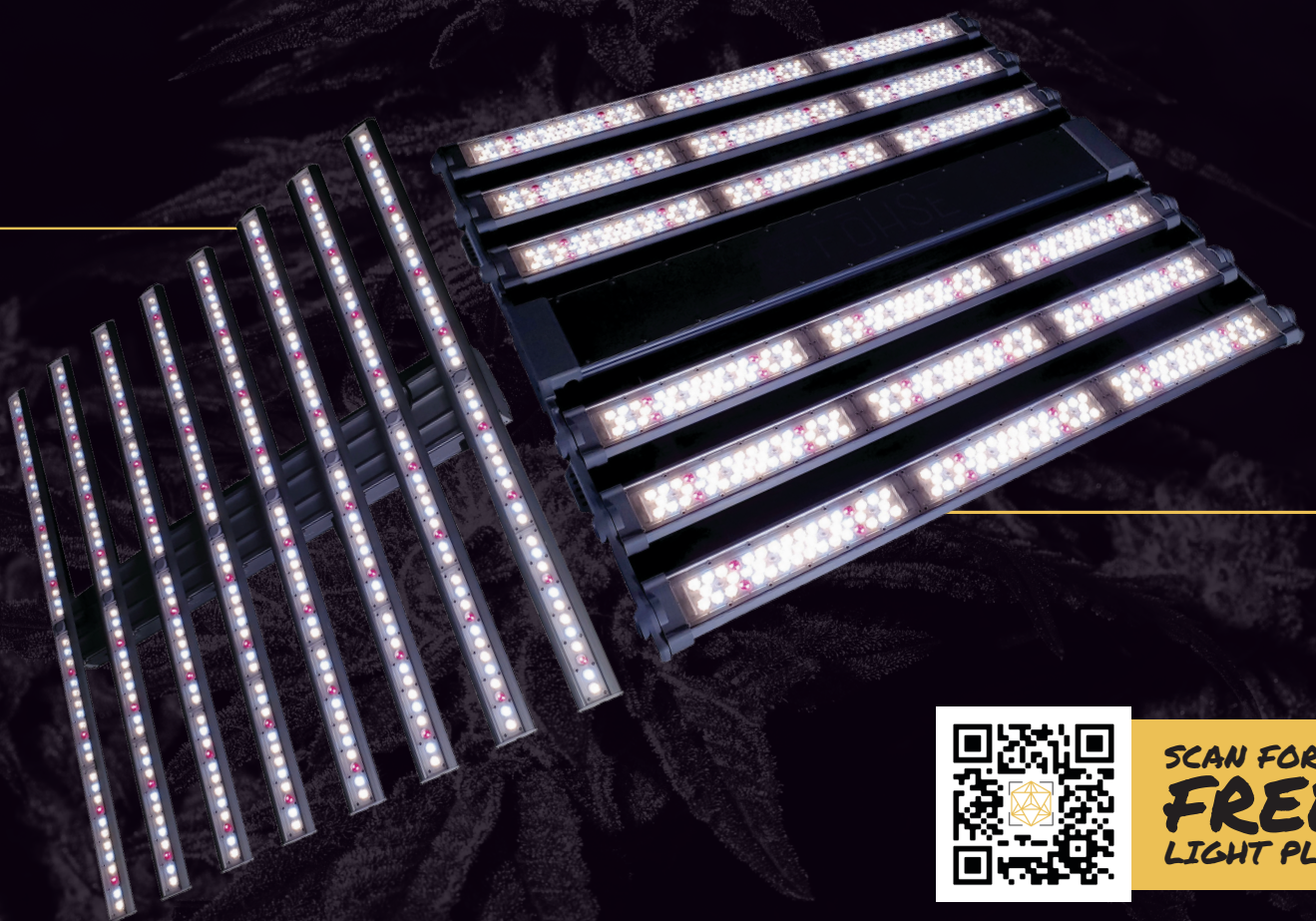


FÖHSE™

FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING

# FIXTURE OVERVIEW

FULL PRODUCT OFFERINGS



SCAN FOR A  
**FREE**  
LIGHT PLAN

# 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.*





The A3i by  FÖHSE™

**THE MOST POWERFUL\***  
**GROW LIGHT IN THE WORLD.**  
**PERIOD.**

www.Fohse.com  
1-888-FÖHSE-77  
Las Vegas, Nevada

\*Based on 3rd party (Underwriter's Laboratory) verification of PPF output with a spectrum balanced for flowering (no red-loading the measurement).






 **FÖHSE** **FUTURE OF HORTICULTURAL SCIENCE + ENGINEERING**



**OUTGROWING EVERY LIGHT ON THE MARKET.**

My team is absolutely blown away with the results of our first crop under our **Fohse A3i system** as compared to our history with 1000W DE HPS. Using 16% less energy the system generated 27% more light and increased our yields by **65%**. We never used more than 87% of the A3i's total output, so our next goal is to see how we can push the plants to use the full potential of this incredible fixture."

*Mike Howard  
Director of Cultivation, The Grove*

*Image credit :  
@keene.media*  **THE GROVE**



# FLAGSHIP SERIES

Our best-selling,  
record-breaking  
fixtures models.





**FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING**

# A3i 1500W STANDARD MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	4,200 $\mu\text{Mol/s}$
Fixture Efficacy	2.8 $\mu\text{Mol/J}$
Input power	1500W
Input voltage	Options up to 480V
Fixture dimensions	46.5L x 47.25W x 4.5H in
Weight	70 lbs
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F (37.8°C)
Heat Output (30% - 100% brightness)	1,535 - 5,118 BTUs/hr
Dimming	30%
Lens angle	90°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	ETL, IP67, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

PRICES START AT: **\$2,498**  
VOLUME DISCOUNTS AVAILABLE



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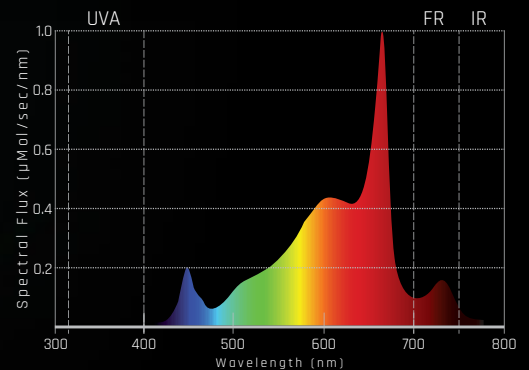
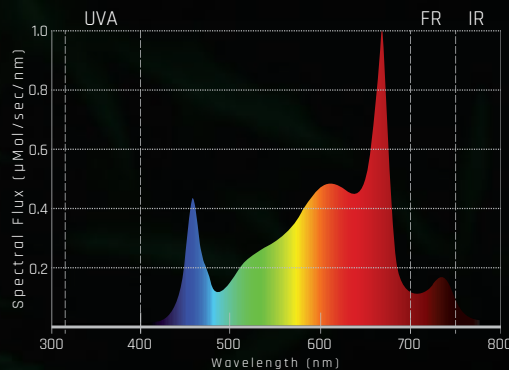
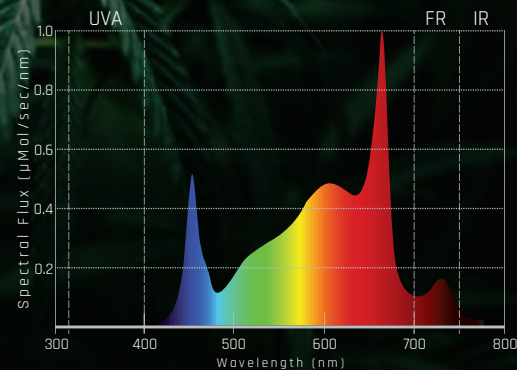


## Spectral Quantum Distribution (SQD) Fohse™ A3i 1500W Standard Model

### SPRING SPECTRUM

### SUMMER SPECTRUM

### AUTUMN SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	12.5A	7.21A	6.25A	5.42A	4.32A	3.13A



The A3i by  FÖHSE

THE BREAKTHROUGH

TECHNOLOGY REDEFINING

WHAT'S POSSIBLE.

www.Fohse.com  
1-888-FÖHSE-77  
Las Vegas, Nevada

RoHS   





 **FÖHSE**™ **FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING**

**MAXIMIZING PRODUCTIVITY (AND THEN SOME).**

Our typical harvest was 80 - 90 pounds with our old LEDs. Now our harvests are **160 - 190 pounds** (under Fohse's grow lights). The last one was **197 pounds!** We didn't plan for this much weight (in this facility). We're having to rethink how we dry and store the increase."



*Steve Cantwell*  
*Founder, Owner, Operator, Green Life Productions*



# SCORPIO 1000W STANDARD MODEL

### FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,800 $\mu\text{Mol/s}$
Fixture Efficacy	2.8 $\mu\text{Mol/J}$
Input power	1000W
Input voltage	Options up to 480V
Fixture dimensions	42.25L x 47.25W x 4.5H in
Weight	60 lbs
Thermal management	Passive
Heat Output (30% - 100% brightness)	1,024 - 5,118 BTUs/hr
Maximum Ambient Operating Temperature	100°F (37.8°C)
Dimming	30%
Lens angle	90°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	ETL, IP67, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

PRICES START AT: **\$2,265**  
VOLUME DISCOUNTS AVAILABLE



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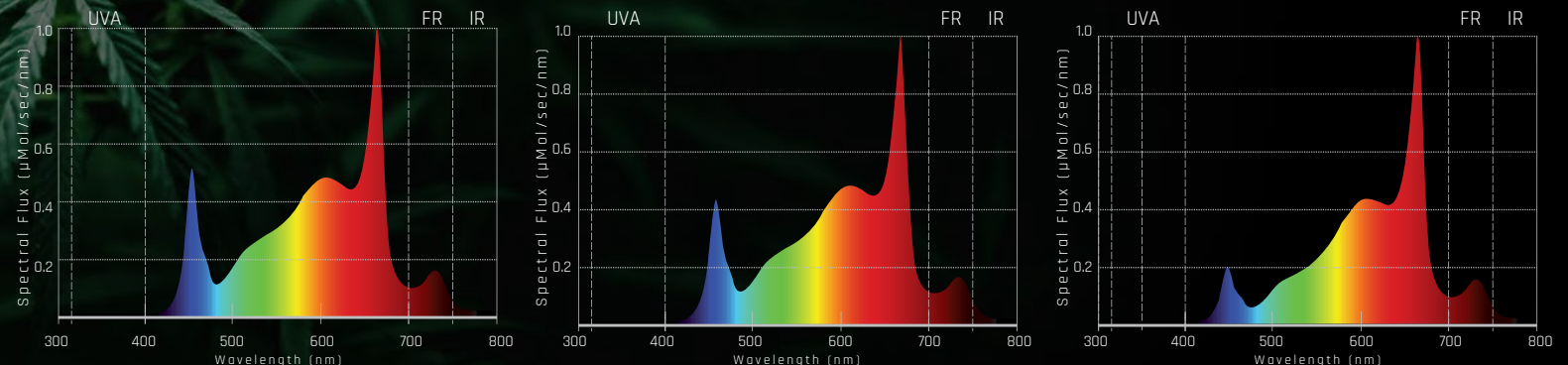


### Spectral Quantum Distribution (SQD) Fohse™ Scorpio 1000W Standard Model

SPRING SPECTRUM

SUMMER SPECTRUM

AUTUMN SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	8.33A	4.81A	4.17A	3.61A	2.88A	2.08A



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SCIENCE + ENGINEERING**

# ARIES 640W STANDARD MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,792 $\mu\text{Mol/s}$
Fixture Efficacy	2.8 $\mu\text{Mol/J}$
Input power	640W
Input voltage	Options up to 480V
Fixture dimensions	33L x 33W x 4.5H in
Weight	34 lbs
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	655 - 2,184 BTUs/hr
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
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

PRICES START AT: **\$1,689**  
VOLUME DISCOUNTS AVAILABLE



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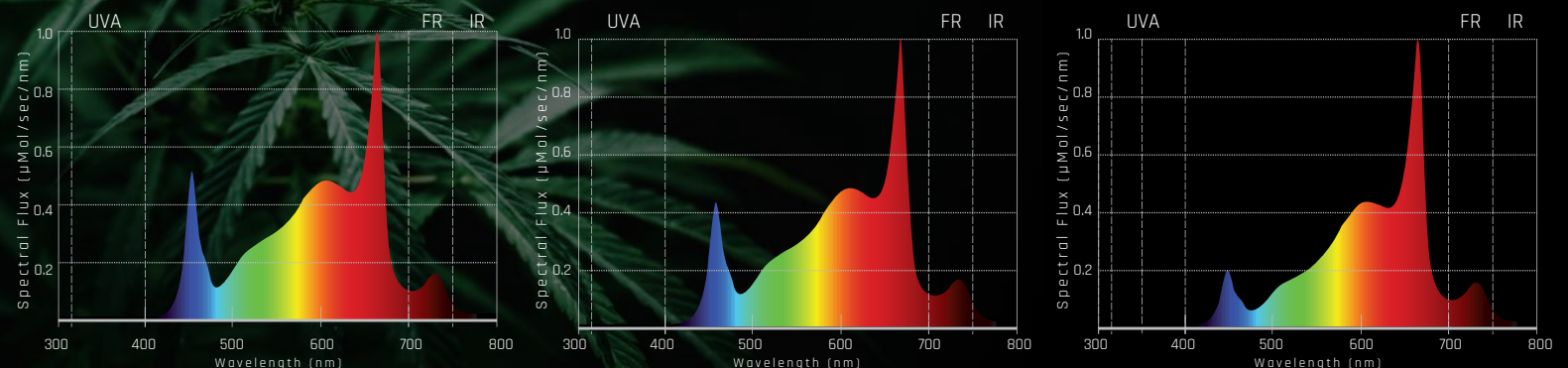


## Spectral Quantum Distribution (SQD) Fohse™ Aries 640W Standard Model

### SPRING SPECTRUM

### SUMMER SPECTRUM

### AUTUMN SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	5.33A	3.08A	2.67A	2.31A	1.84A	1.33A



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# F1V SERIES

High-performance fixtures  
best suited for multi-level  
environments.



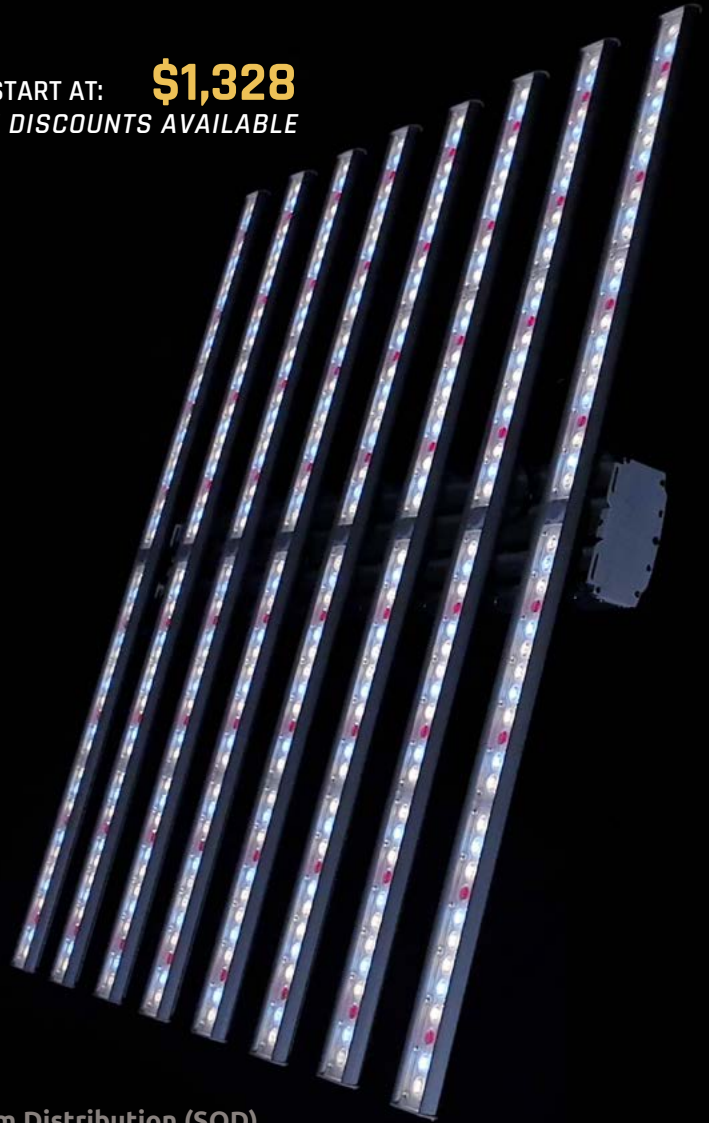
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SCIENCE + ENGINEERING**

# F1V 1000W STANDARD MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,556 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.41 - 2.61 $\mu\text{Mol/J}$
Input power	1058W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	1,024 - 3,412 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

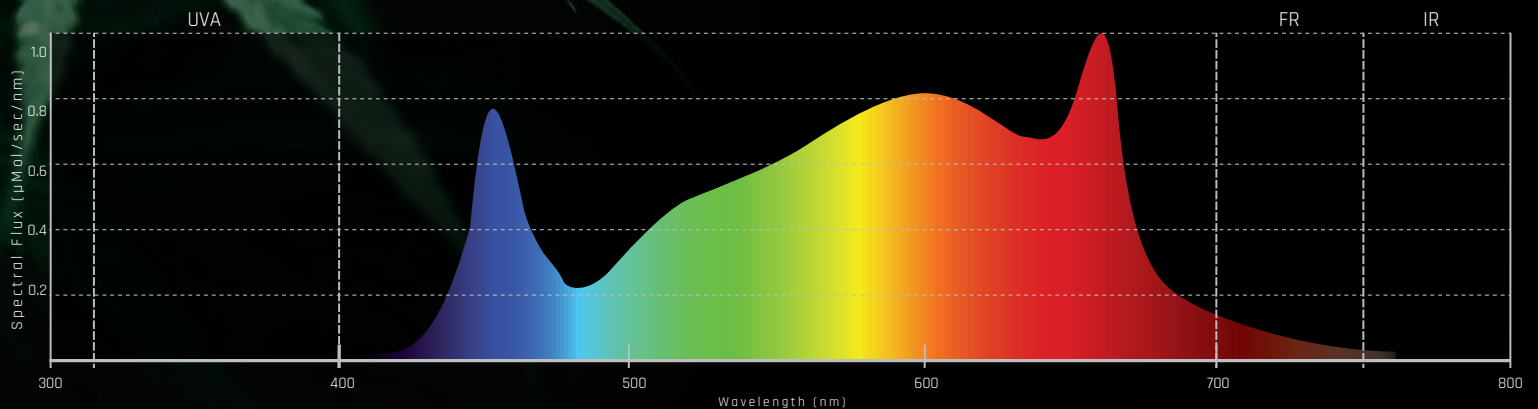
PRICES START AT: **\$1,328**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ F1V 1000W Standard Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	8.33A	4.81A	4.17A	3.61A	2.88A	2.08A



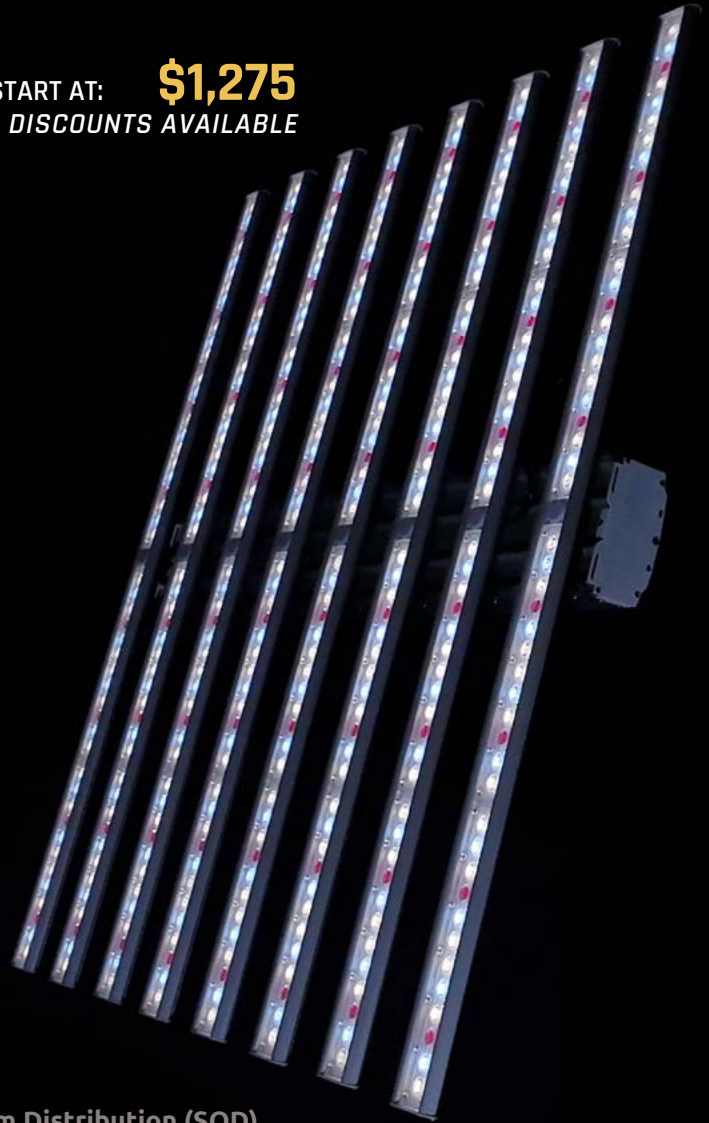
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SCIENCE + ENGINEERING**

# F1V 800W STANDARD MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,983 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.41 - 2.61 $\mu\text{Mol/J}$
Input power	822W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	819 - 2,730 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

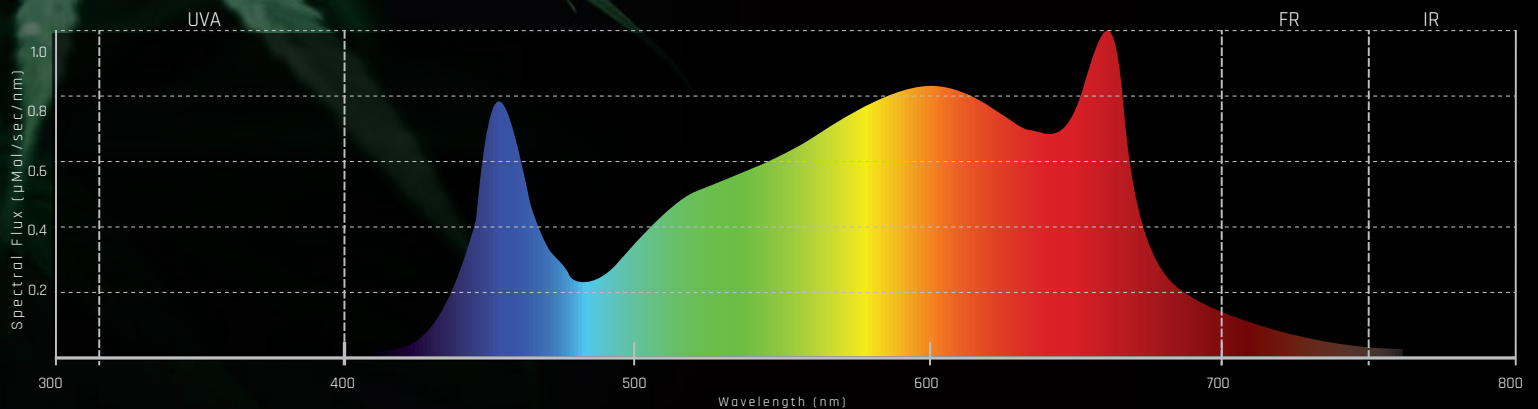
PRICES START AT: **\$1,275**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ F1V 800W Standard Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	6.67A	3.85A	3.33A	2.89A	2.31A	1.67A



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SCIENCE + ENGINEERING**

# F1V 600W STANDARD MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,446 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.41 - 2.61 $\mu\text{Mol/J}$
Input power	626W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	36 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	614 - 2,047 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

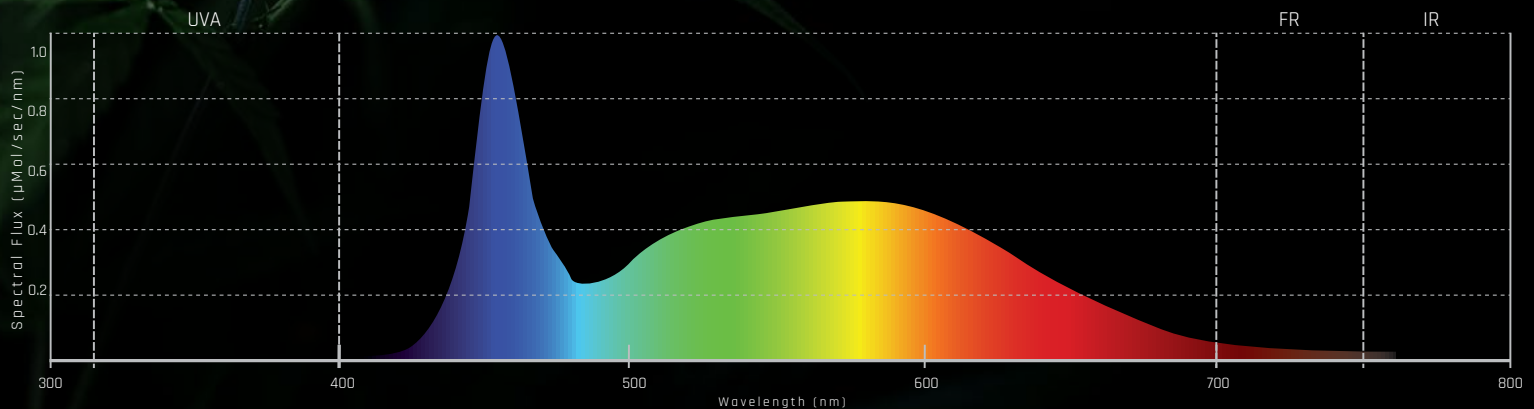
PRICES START AT: **\$1,119**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ F1V 600W Standard Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	5.00A	2.88A	2.50A	2.17A	1.73A	1.25A

# F1V 420W

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,071 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.42 - 2.62 $\mu\text{Mol/J}$
Input power	442W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	36 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	430 - 1,433 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

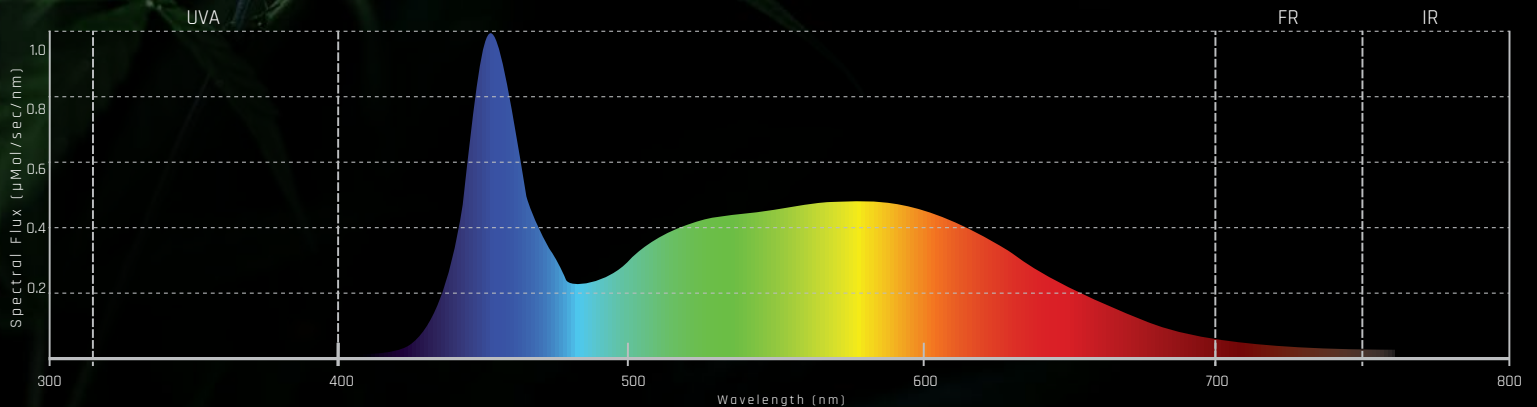
PRICES START AT: **\$1,092**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ F1V 420W FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	3.50A	2.02A	1.75A	1.52A	1.21A	0.88A



# SIRIUS 60W

### FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	145 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.3 - 2.5 $\mu\text{Mol/J}$
Input power	63W
Input voltage	Options up to 480V
Fixture dimensions	22.0L x 46.5W x 4.5H in
Weight	18 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	61 - 205 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

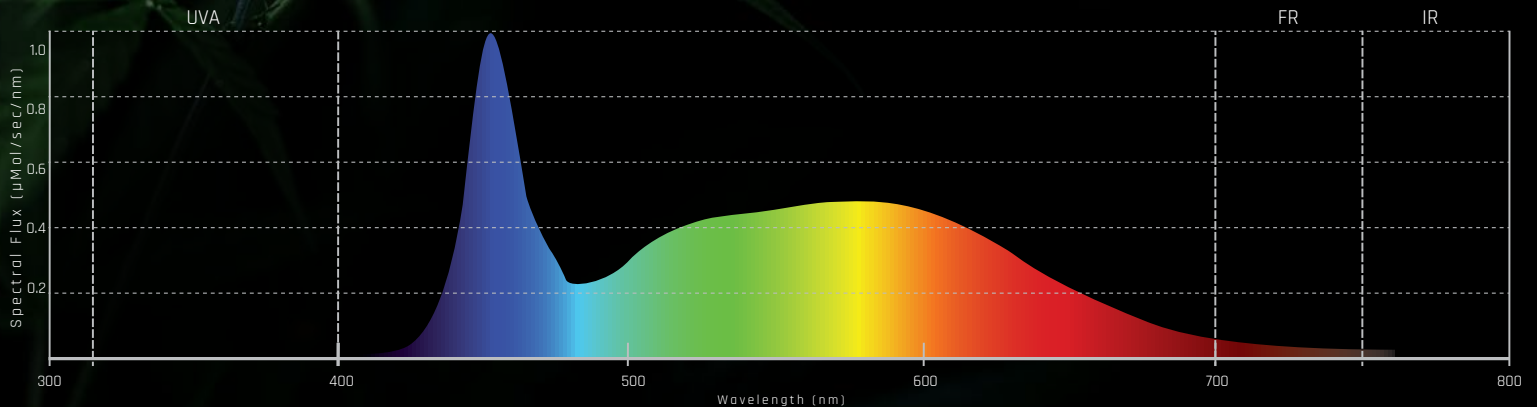
PRICES START AT: **\$799**  
VOLUME DISCOUNTS AVAILABLE



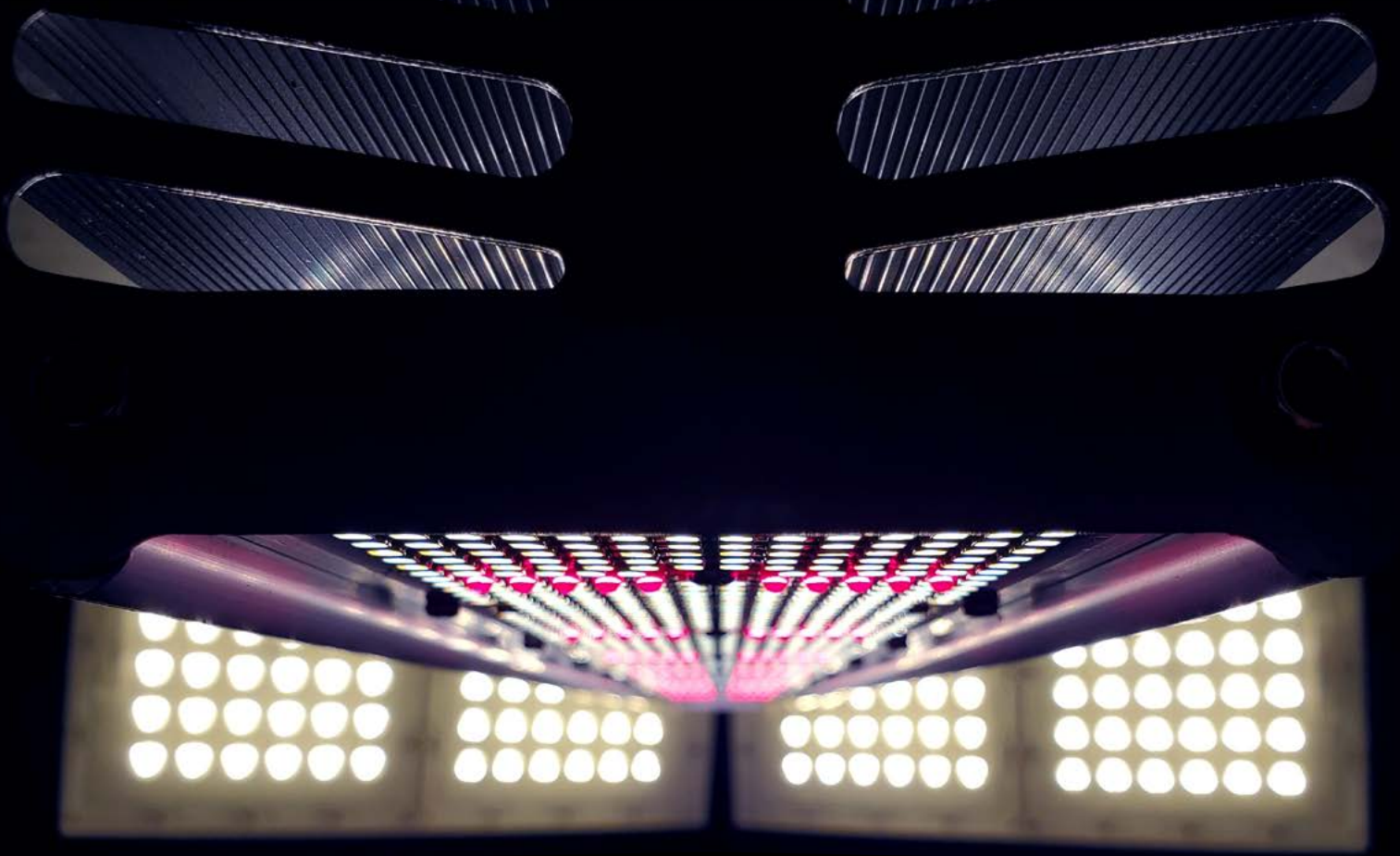
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### Spectral Quantum Distribution (SQD) Fohse™ Sirius 60W FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V
AMPERAGE	0.50A	0.29A	0.25A	0.22A



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# GREENHOUSE SERIES

Power. Uniformity. Efficiency.  
Have it all with our  
greenhouse models.



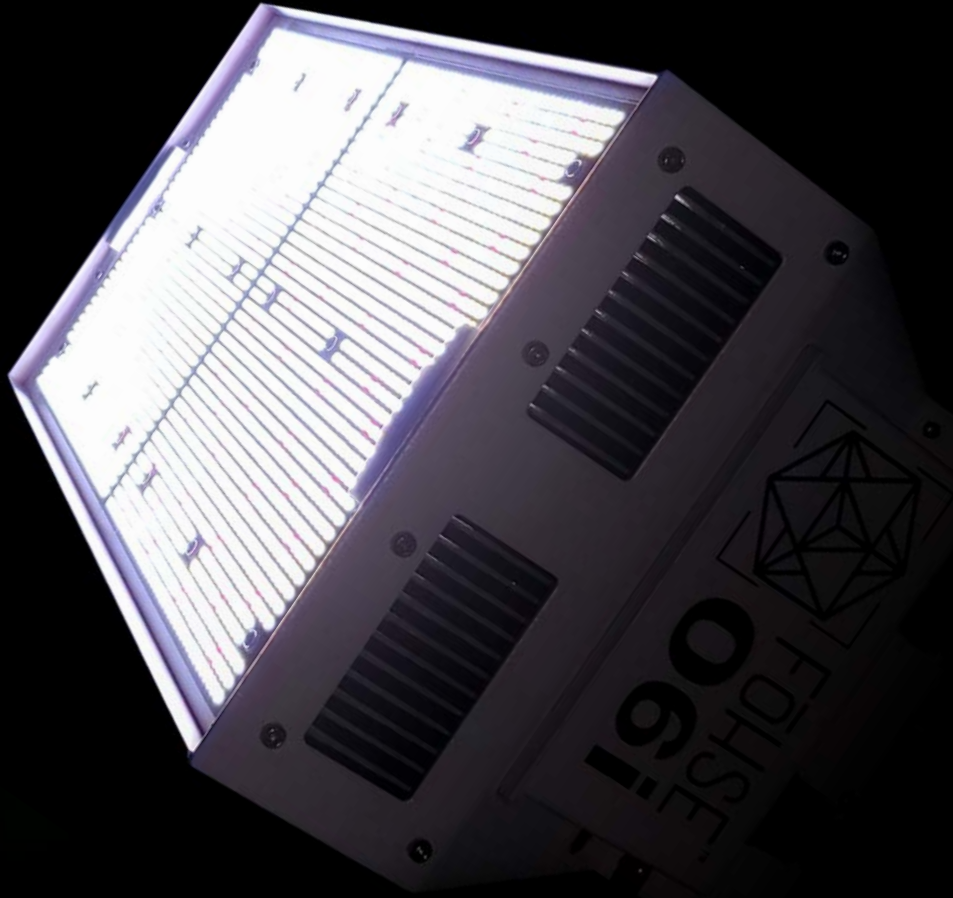
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SCIENCE + ENGINEERING**

# O6i 1200W STANDARD MODEL

## FIXTURE SPECIFICATIONS

PPF	3,121 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power)	2.64 - 2.84 $\mu\text{Mol/J}$
Input power	1181W
Input voltage	Options up to 480V
<b>LIGHT HARVESTING SENSORS FOR AUTO-DIMMING</b>	
Fixture dimensions	16L x 8W x 13H in
Weight	35 lbs
Thermal management	Passive & Active
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	1,228 - 4,094 BTUs/hr
Dimming	10%
CRI	80
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP65
Mounting	Universal Hanging
Communication protocol	Wireless, 0-10V w/converter, Ethernet w/converter, RS485

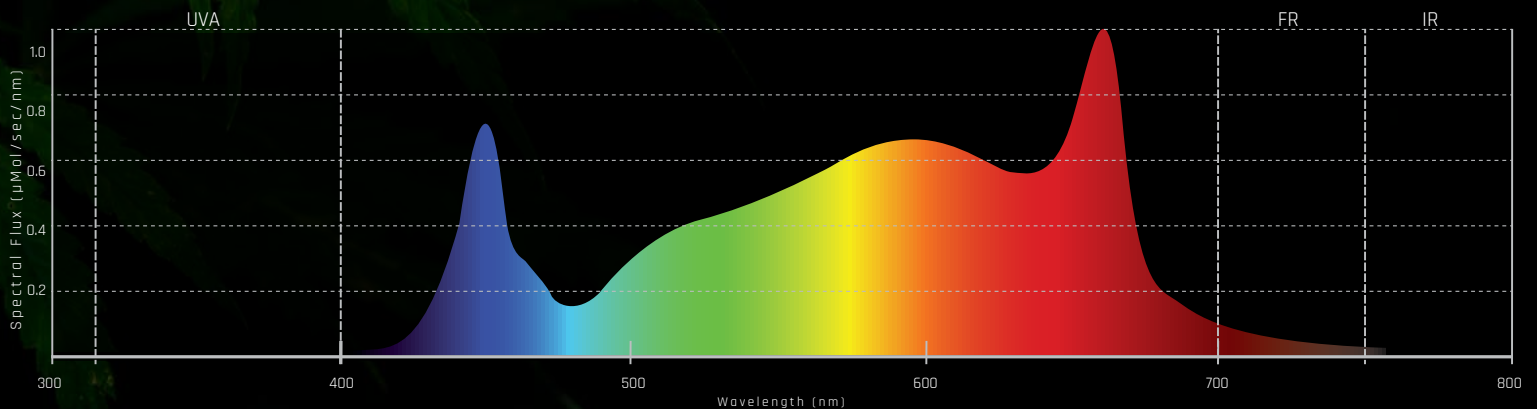
PRICES START AT: **\$1,443**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ O6i 1200W Standard Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	10.00A	5.77A	5.00A	4.33A	3.46A	2.50A



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SCIENCE + ENGINEERING**

# PLEIADES 320W STANDARD MODEL

## FIXTURE SPECIFICATIONS

PPF	935 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power)	2.86 - 3.06 $\mu\text{Mol/J}$
Input power	326W
Input voltage options	Options up to 480V
<b>LIGHT HARVESTING SENSORS FOR AUTO-DIMMING</b>	
Fixture dimensions	28L x 4W x 6H in
Weight	15 lbs.
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	328 - 1,092 BTUs/hr
Dimming	10%
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP55
Mounting	Truss-mounting Spring Clip
Communication protocol	Wireless, 0-10V w/converter, Ethernet w/converter, RS485

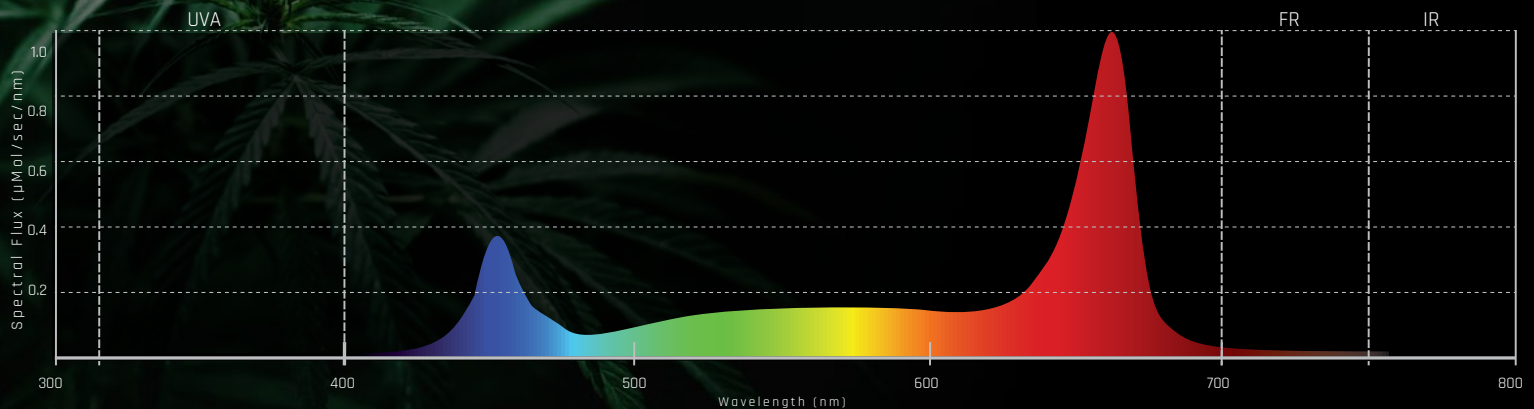
PRICES START AT: **\$1,266**  
VOLUME DISCOUNTS AVAILABLE



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## Spectral Quantum Distribution (SQD) Fohse™ Pleiades 320W Standard Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	2.67A	1.54A	1.33A	1.16A	0.92A	V



**FÖHSE**  
FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING



**THE MOST  
POWERFUL  
GROW  
LIGHT  
IN THE WORLD.  
PERIOD.**



When you start diving into the subtle differences about the company and their fixtures - high quality engineering, ease of operations, slick interfaces - that's initially what drove me to Fohse. The other thing was customer service. Once we started using the Fohse lights there was a point in time when they flew a technician out - in a private plane - to fix a problem we had. When you get customer service like that it's tough to beat.



**Kevin Biernacki,  
President, Valley Pure**



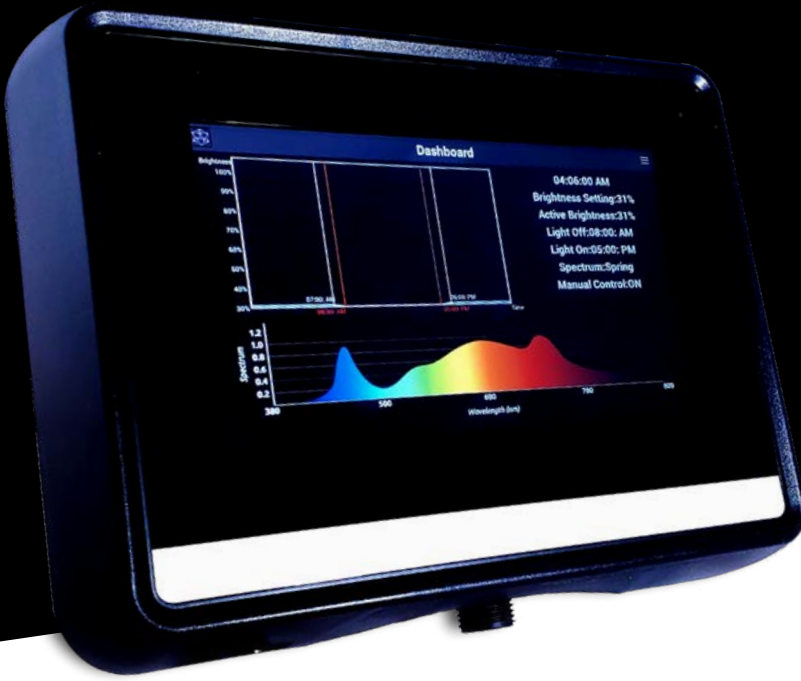
FÖHSE™

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**ACCESSORIES**





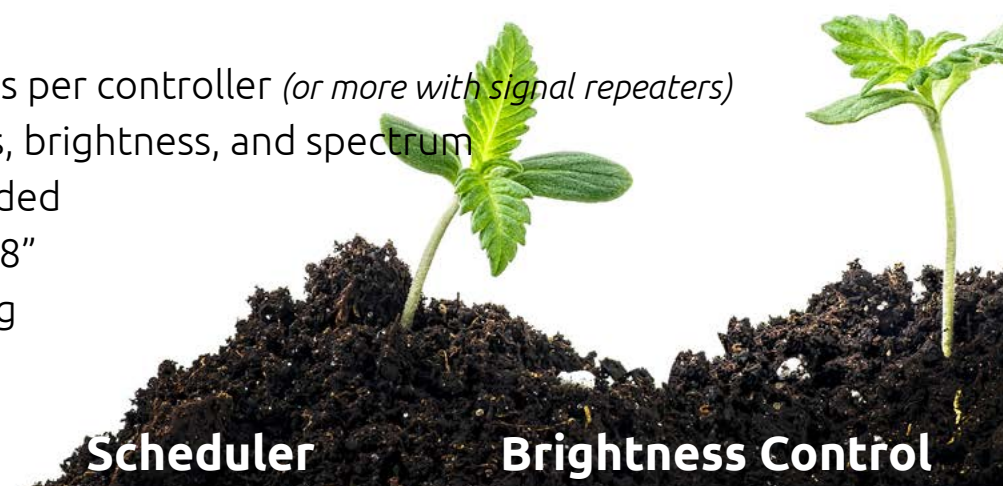


# CENTRAL CONTROL

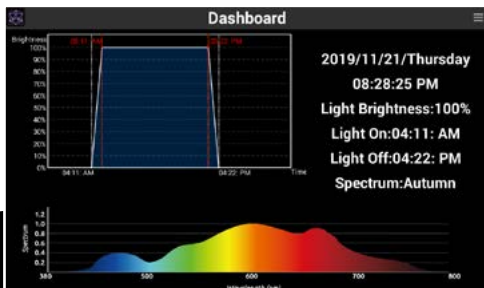
AUTOMATED MANAGEMENT OF YOUR FOHSE LED ARRAY

PRICES START AT: **\$350**  
VOLUME DISCOUNTS AVAILABLE

- 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



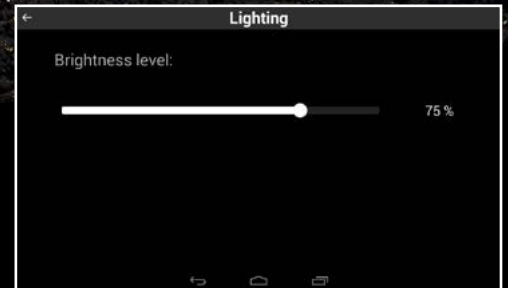
## Homescreen



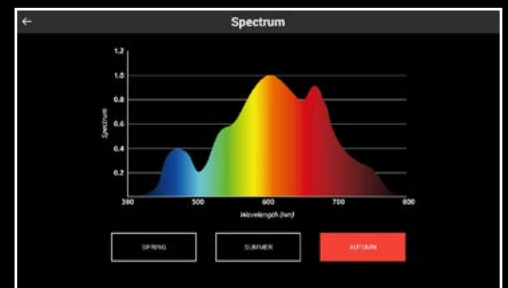
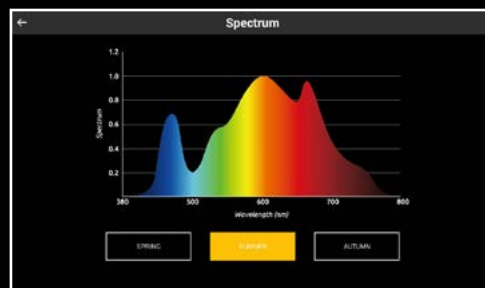
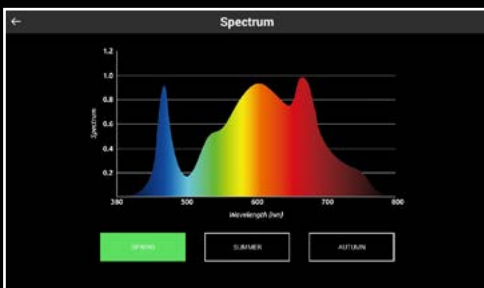
## Scheduler



## Brightness Control



## Spectrum Selection







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SCIENCE + ENGINEERING

# LIGHT HARVESTING

AUTOMATED ADJUSTMENT OF YOUR  
GREENHOUSE LIGHT INTENSITY



- 5.32" L x 5.74" W x 4.32"
- Auto-dim down to 10%
- Network multiple sensors around your greenhouse
- Wirelessly communicate to your Fohse fixtures
- Set up multiple 'zones', each with independent light intensity response curves



*Consistent, reliable yields begin with  
consistent, reliable light levels.*



Maintaining consistent light levels in your greenhouse is easier said than done when your primary light source is affected by the whims of nature. Connect your Fohse greenhouse fixtures to our light harvesting sensor and trust that your light levels will maintain consistency no matter what Mother Nature tosses your way.



# DURABILITY TESTING

## INGRESS PROTECTION RATING

The grow room is rife with hazards for your system: humidity, condensation, dust, mites, spores, water spray, etc. Reference the chart below to learn how to read an 'Ingress Protection' rating as stated on any manufacturer's fixture data sheet.

FOHSE A3i  
**IP67**

1000W DE HPS  
**IP30**

### SOLIDS

- ① > 50 mm
- ② > 12.5 mm
- ③ > 2.5 mm
- ④ > 1 mm
- ⑤ Mostly Dust tight
- ⑥ Dust tight

**IP67**

INGRESS PROTECTION

### LIQUIDS

- ① Vertical water drops
- ② 15° angled water drops
- ③ 60° angled water spray
- ④ Water splash all directions
- ⑤ Water jets
- ⑥ Powerful Water jets
- ⑦ 1 meter submersion 30 minutes
- ⑧ Submersion under pressure long periods





---

# HIGH-EFFICACY, HIGH-OUTPUT MODELS

The most powerful and efficient models from each of our fixture classes.



**FUTURE OF HORTICULTURAL  
SCIENCE + ENGINEERING**

# A3i 1500W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	4,970 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	3.18 - 3.38 $\mu\text{Mol/J}$
Input power	1563W
Input voltage	Options up to 480V
Fixture dimensions	42.28L x 42.5W x 4H in
Weight	70 lbs
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F (37.8°C)
Heat Output (30% - 100% brightness)	1,535 - 5,118 BTUs/hr
Dimming	30%
Lens angle	90°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	ETL, IP67, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

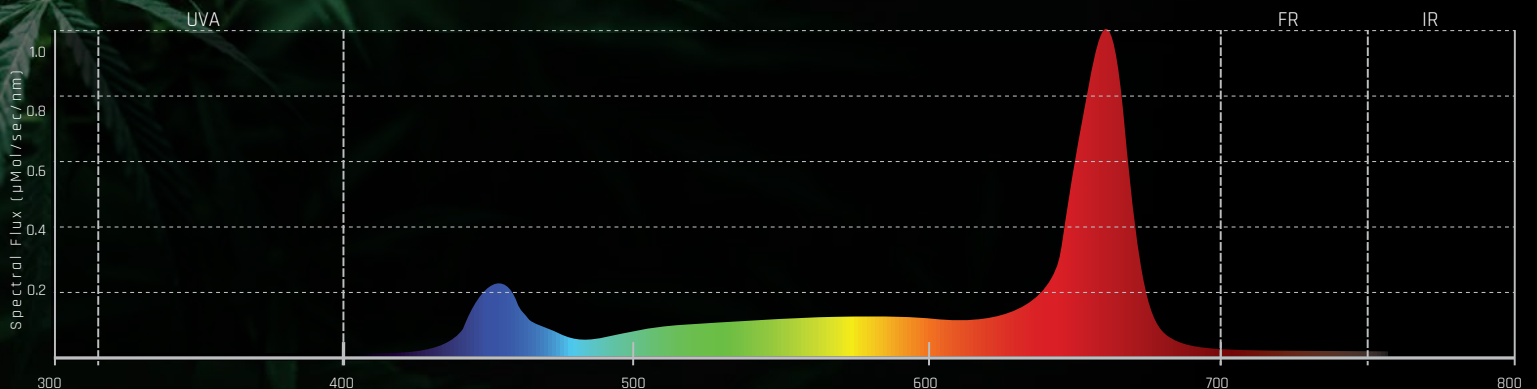
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## Spectral Quantum Distribution (SQD) Fohse™ A3i 1500W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	12.50A	7.21A	6.25A	5.42A	4.32A	3.13A



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# SCORPIO 1000W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	3,344 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	3.2 - 3.4 $\mu\text{Mol/J}$
Input power	1044W
Input voltage	Options up to 480V
Fixture dimensions	42.25L x 47.25W x 4.5H in
Weight	60 lbs
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F (37.8°C)
Heat Output (30% - 100% brightness)	1,024 - 3,412 BTUs/hr
Dimming	30%
Lens angle	90°
CRI	92
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	ETL, IP67, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

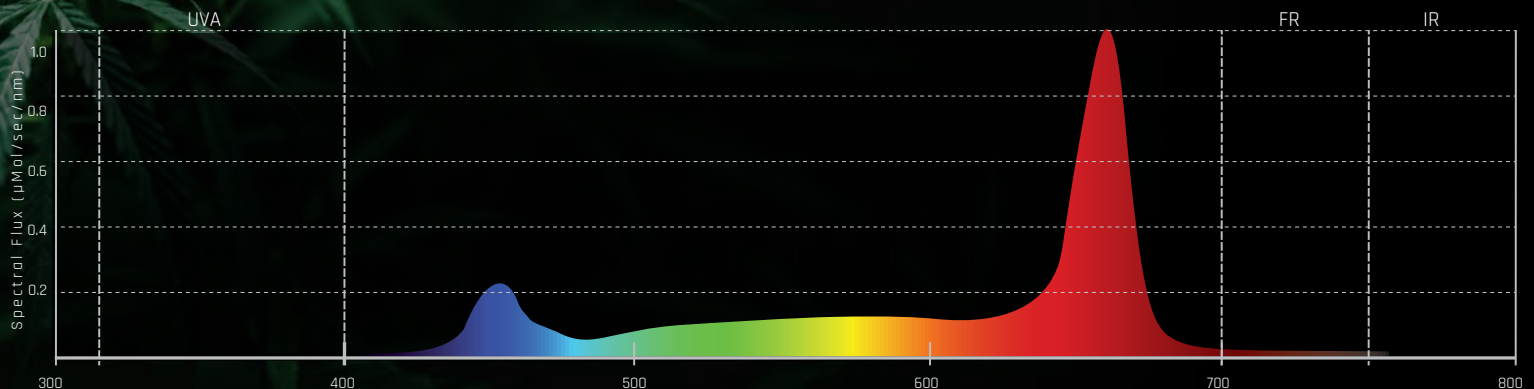
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## Spectral Quantum Distribution (SQD) Fohse™ Scorpio 1000W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	8.33A	4.81A	4.17A	3.61A	2.88A	2.08A



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# ARIES 640W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,136 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power)	3.21 - 3.41 $\mu\text{Mol/J}$
Input power	665W
Input voltage	Options up to 480V
Fixture dimensions	33L x 33W x 4.25H in
Weight	34 lbs
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	655 - 2,184 BTUs/hr
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
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

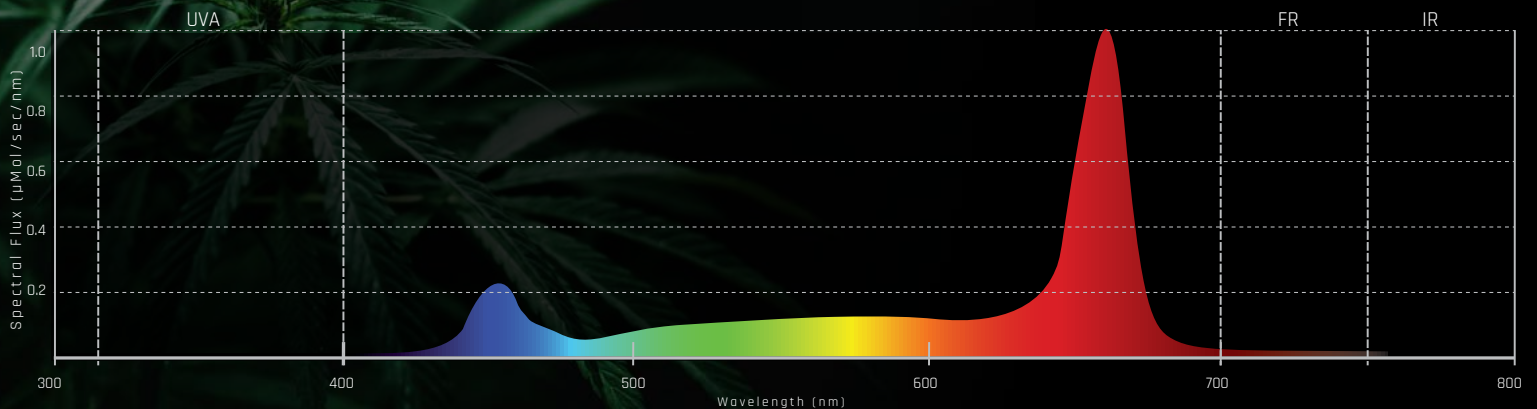
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## Spectral Quantum Distribution (SQD) Fohse™ Aries 640W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	5.33A	3.08A	2.67A	2.31A	1.84A	1.33A



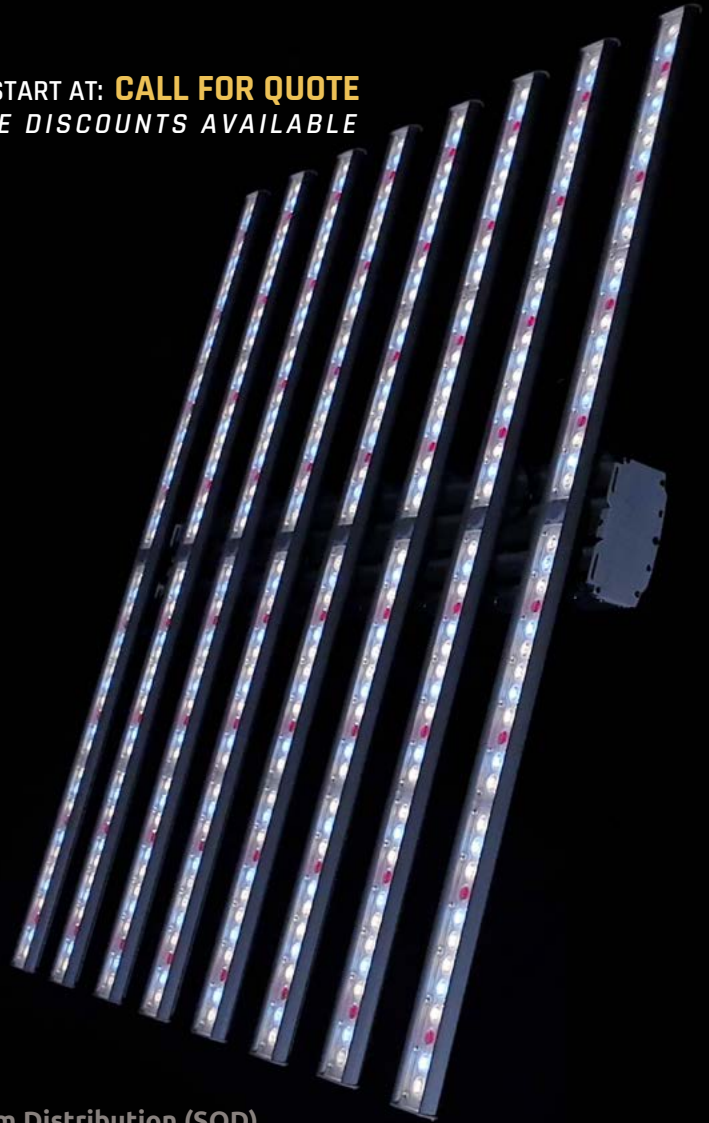
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# F1V 1000W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	3,160 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	3.02 - 3.22 $\mu\text{Mol/J}$
Input power	1044W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	1,024 - 3,412 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

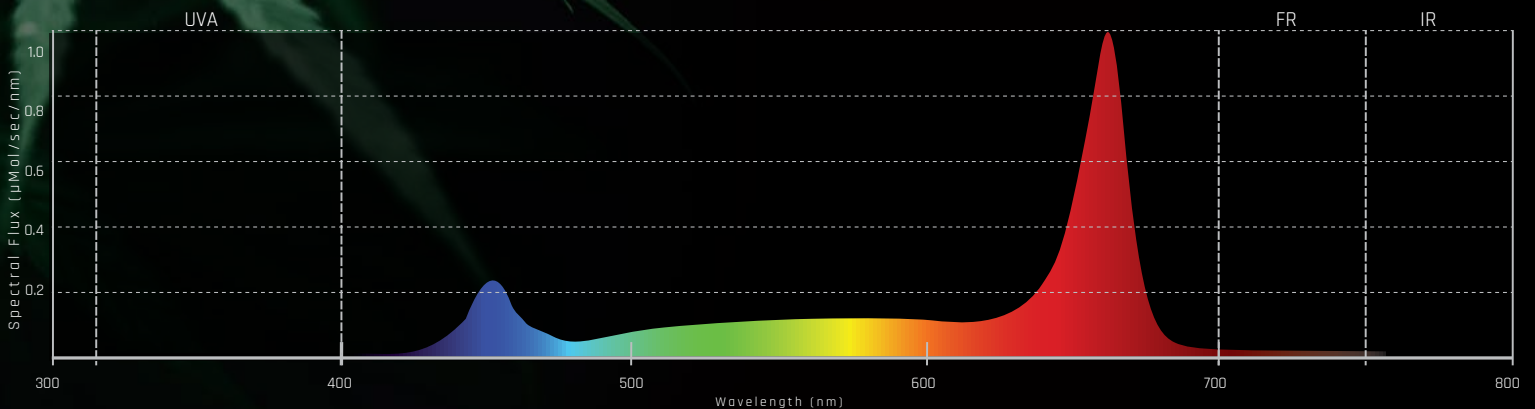
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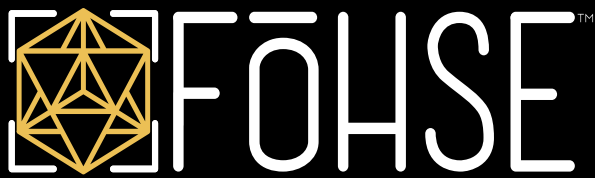


## Spectral Quantum Distribution (SQD) Fohse™ F1V 1000W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	8.33A	4.81A	4.17A	3.61A	2.88A	2.08A





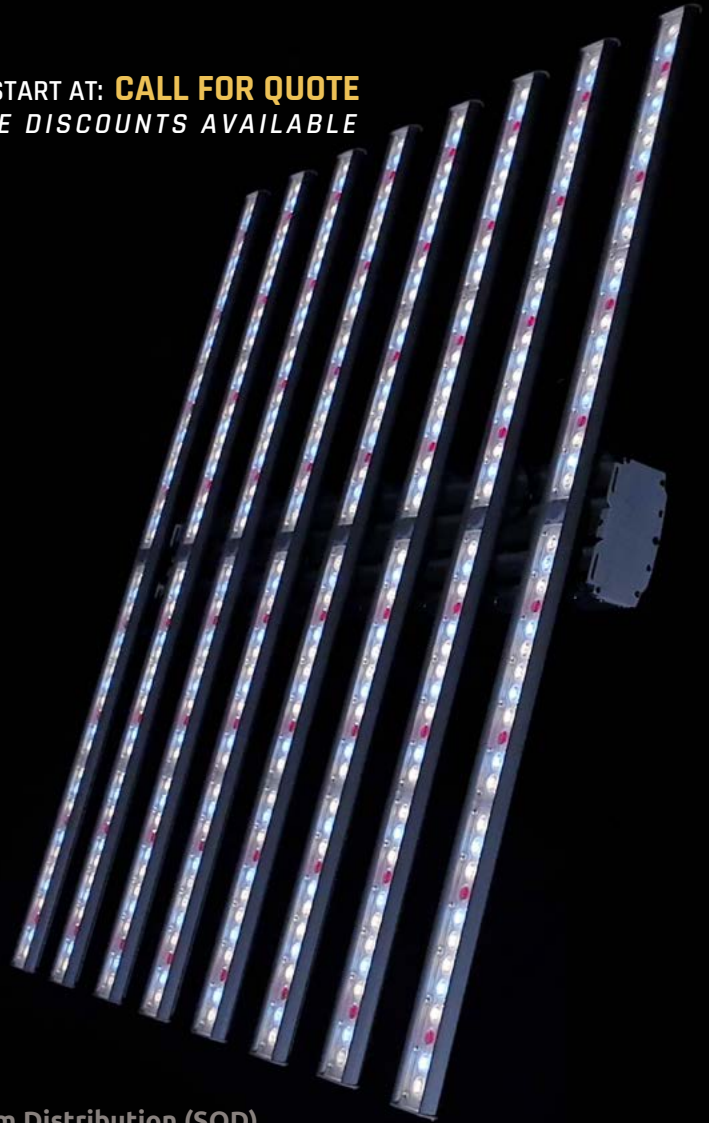
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**F1V 800W  
PLUS+ MODEL**

**FIXTURE SPECIFICATIONS**

Light source	Samsung LEDs
PPF	2,362 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	3.0 - 3.2 $\mu\text{Mol/J}$
Input power	787W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	38 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	1,024 - 3,412 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

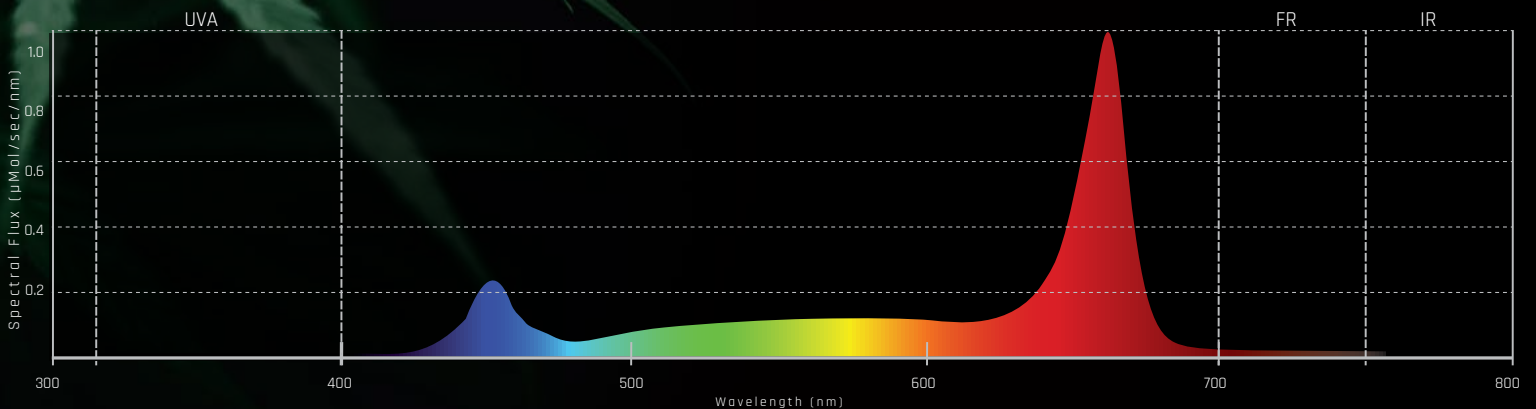
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**Spectral Quantum Distribution (SQD)**  
Fohse™ F1V 800W Plus+ Model  
**FIXED SPECTRUM**



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	8.33A	4.81A	4.17A	3.61A	2.88A	2.08A



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# F1V 600W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,846 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.99 - 3.19 $\mu\text{Mol/J}$
Input power	616W
Input voltage	Options up to 480V
Fixture dimensions	42.0L x 46.5W x 4.6H in
Weight	36 lbs
Thermal management	Passive
Maximum Ambient Air Temperature	100°F (37.7°C)
Heat Output (30% - 100% brightness)	614 - 2,047 BTUs/hr
Dimming	30%
Lens angle	100°
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	UL, IP65, CE
Mounting	Universal Hanging
Communication protocol	RS485, 0-10V w/Converter, or Ethernet w/Converter

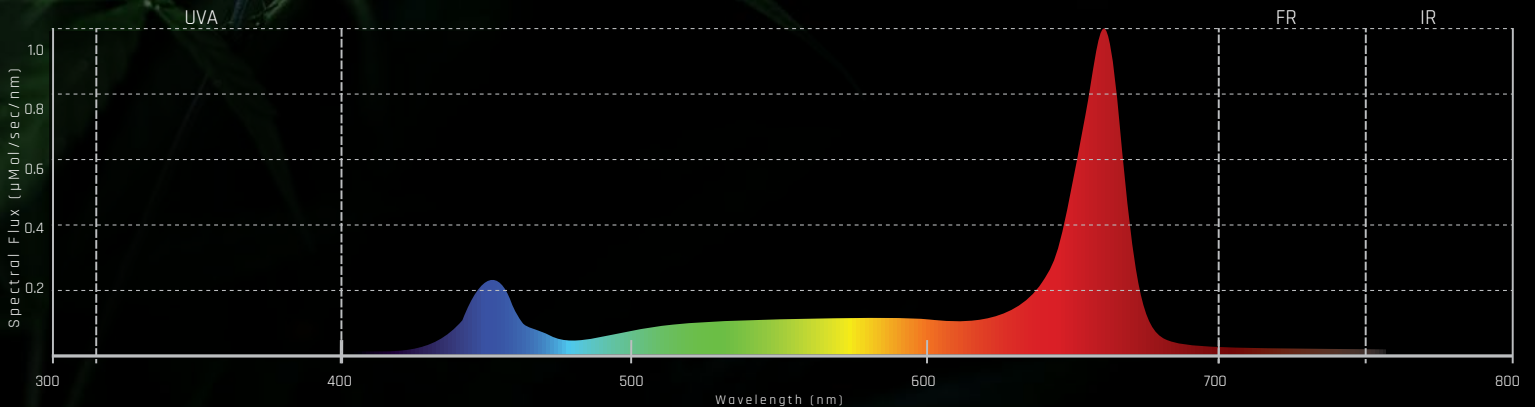
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## Spectral Quantum Distribution (SQD) Fohse™ F1V 600W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	5.00A	2.88A	2.50A	2.17A	1.73A	1.25A



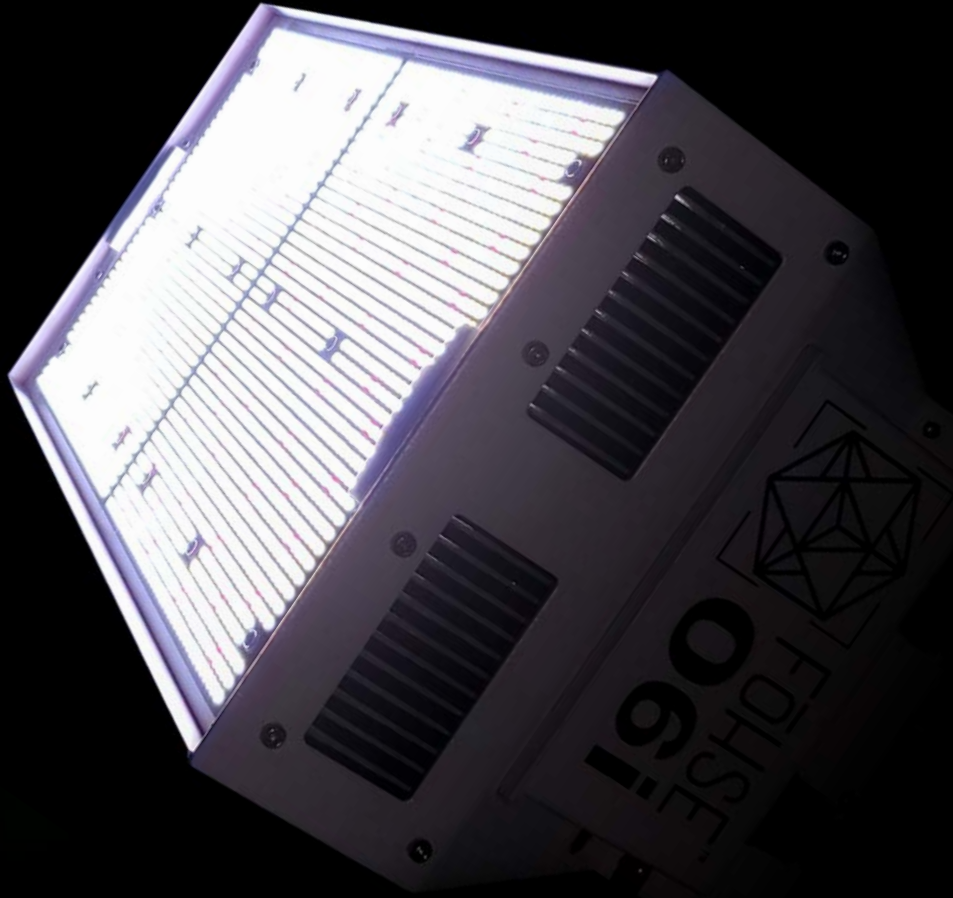
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# O6i 1200W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

PPF	3,255 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power)	2.91 - 3.11 $\mu\text{Mol/J}$
Input power	1118W
Input voltage	Options up to 480V
<b>LIGHT HARVESTING SENSORS FOR AUTO-DIMMING</b>	
Fixture dimensions	16L x 8W x 13H in
Weight	35 lbs
Thermal management	Passive & Active
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	1,228 - 4,094 BTUs/hr
Dimming	10%
CRI	80
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP65
Mounting	Universal Hanging
Communication protocol	Wireless, 0-10V w/converter, Ethernet w/converter, RS485

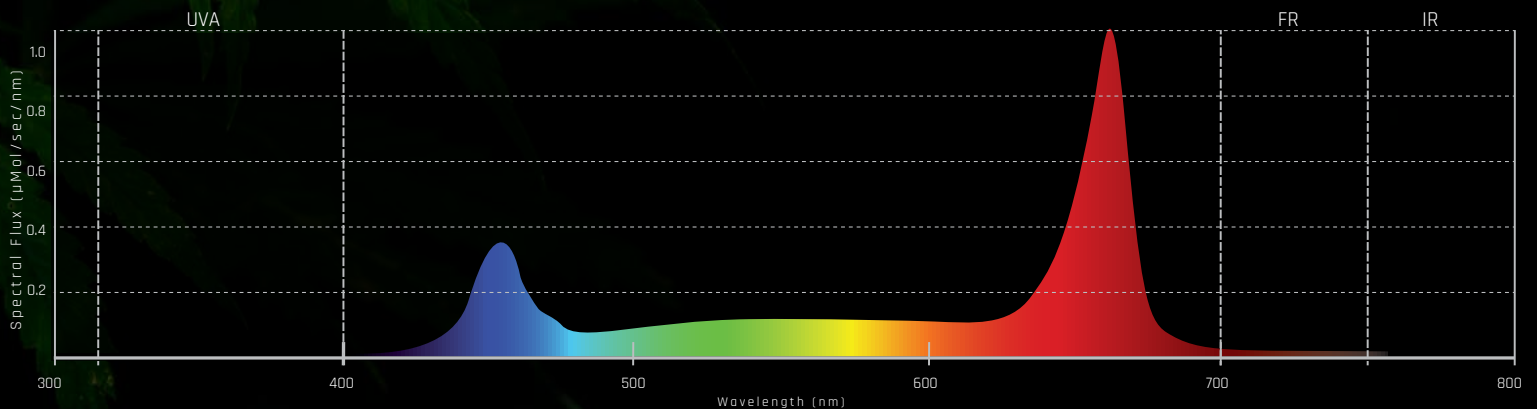
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## Spectral Quantum Distribution (SQD) Fohse™ O6i 1200W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	10.00A	5.77A	5.00A	4.33A	3.46A	2.50A



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# PLEIADES 320W PLUS+ MODEL

## FIXTURE SPECIFICATIONS

PPF	1,005 $\mu\text{Mol/s}$
Fixture Efficacy (100% - 50% power)	3.1 - 3.3 $\mu\text{Mol/J}$
Input power	323W
Input voltage options	Options up to 480V
<b>LIGHT HARVESTING SENSORS FOR AUTO-DIMMING</b>	
Fixture dimensions	28L x 4W x 6H in
Weight	15 lbs.
Thermal management	Passive
Maximum Ambient Operating Temperature	100°F
Heat Output (30% - 100% brightness)	328 - 1,092 BTUs/hr
BTUs / hour	1,091
Dimming	10%
CRI	90
Control interface	Wall-mounted OLED panel
L90	50,000 hours
Power supply rating	100,000 hours
Certifications	IP55
Mounting	Truss-mounting Spring Clip
Communication protocol	Wireless, 0-10V w/converter, Ethernet w/converter, RS485

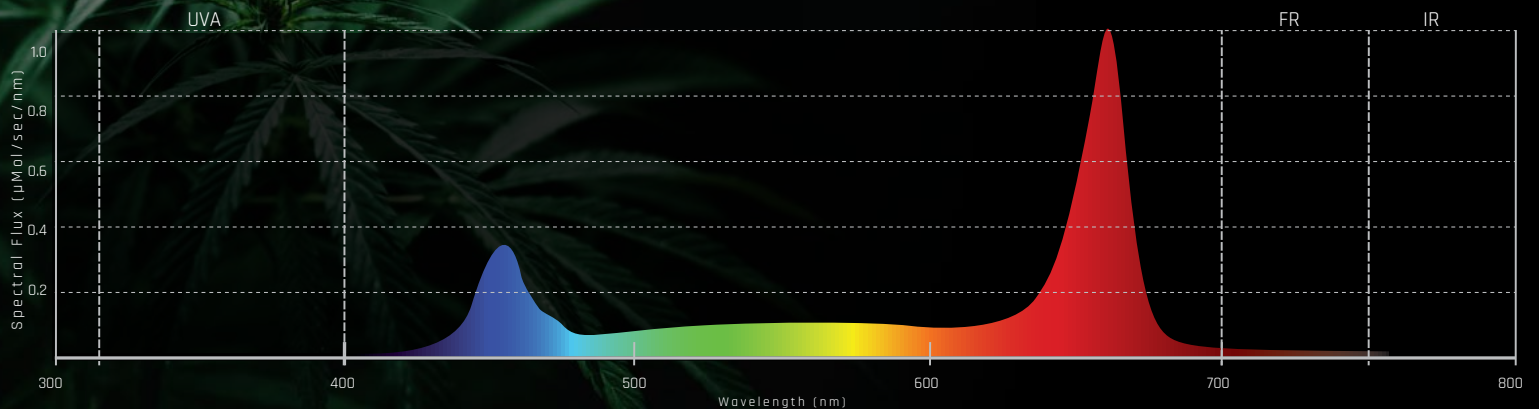
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## Spectral Quantum Distribution (SQD) Fohse™ Pleiades 320W Plus+ Model FIXED SPECTRUM



VOLTAGE	120V	208V	240V	277V	347V	480V
AMPERAGE	2.67A	1.54A	1.33A	1.16A	0.92A	V



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