

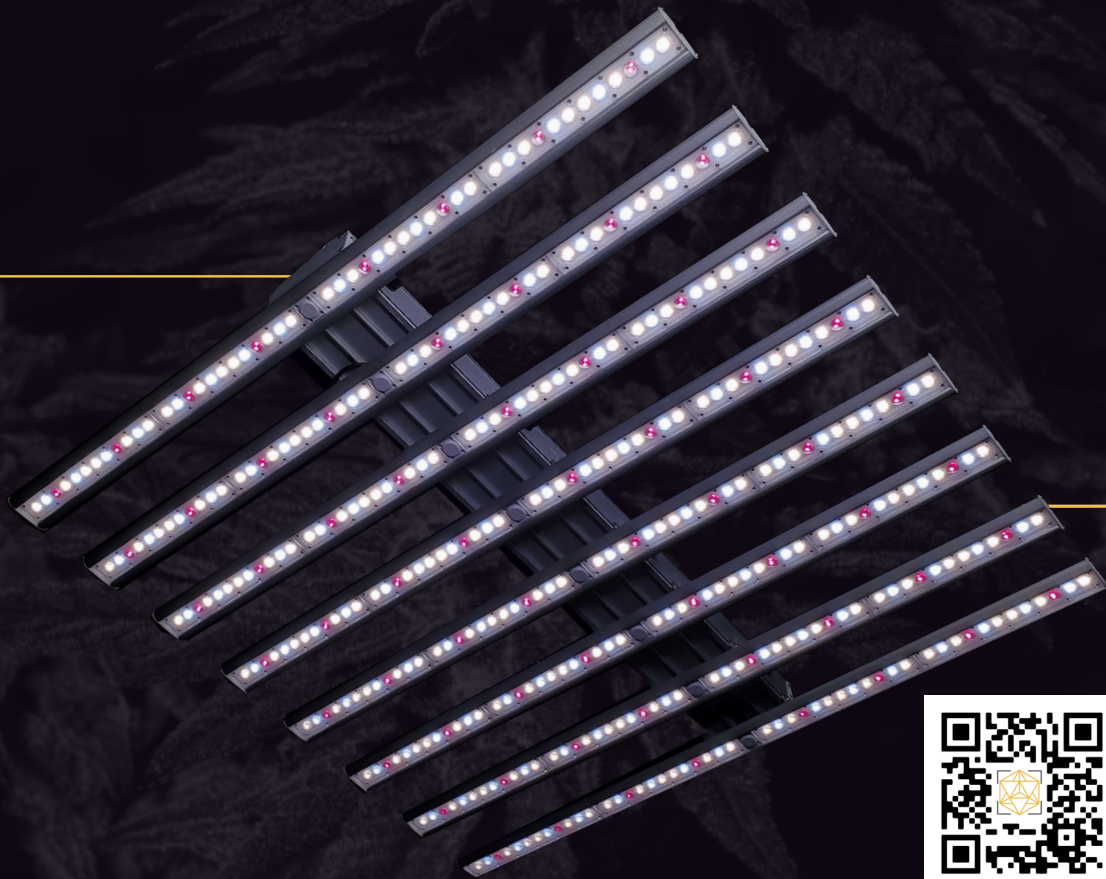


FÖHSE™

FUTURE OF HORTICULTURAL
SCIENCE + ENGINEERING

FIXTURE OVERVIEW

F1V SERIES



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.*





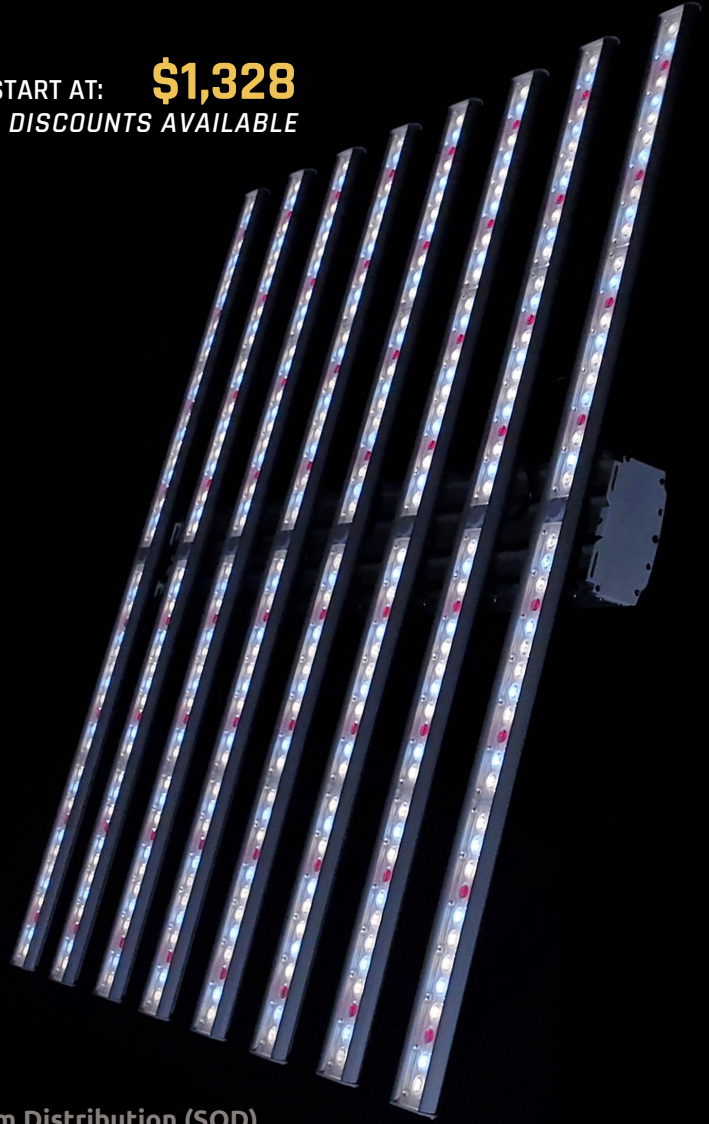
**FUTURE OF HORTICULTURAL
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F1V 1000W STANDARD MODEL

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,400 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
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
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

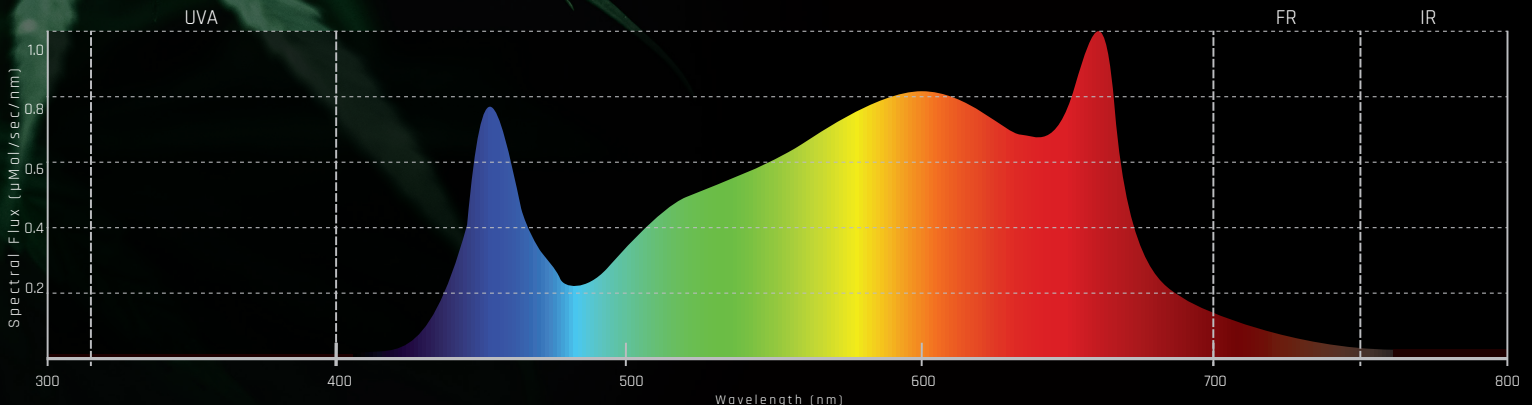
PRICES START AT: **\$1,328**
VOLUME DISCOUNTS AVAILABLE



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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



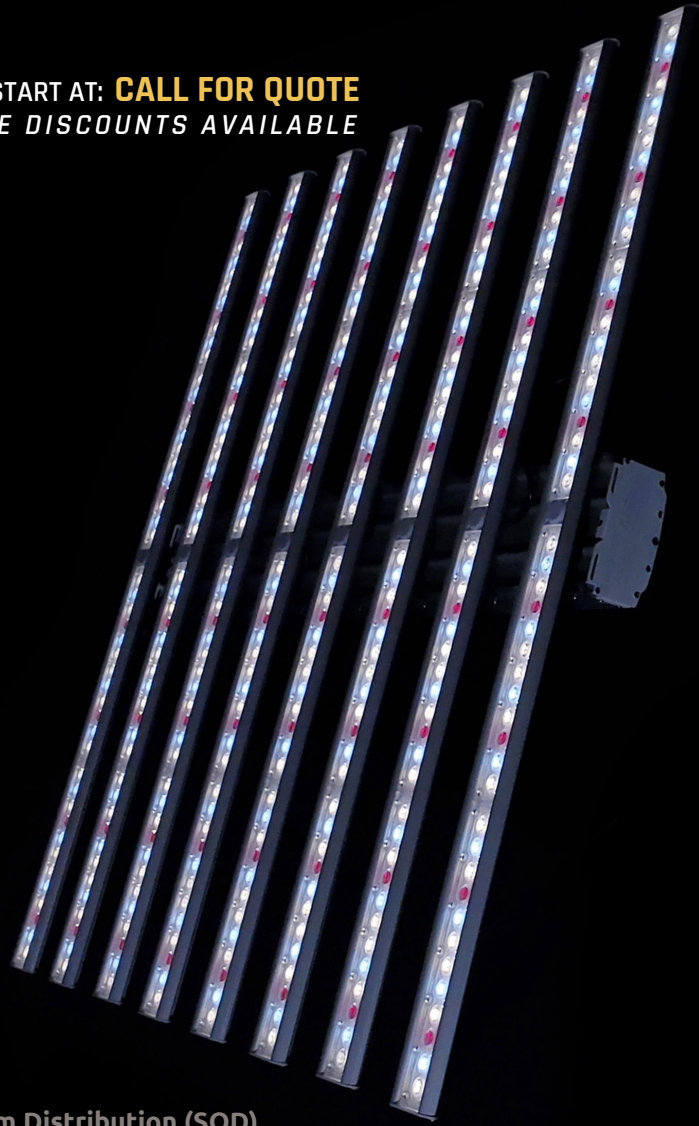
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F1V 1000W PLUS+ MODEL

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	2,800 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.8 - 3.0 $\mu\text{Mol/J}$
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
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

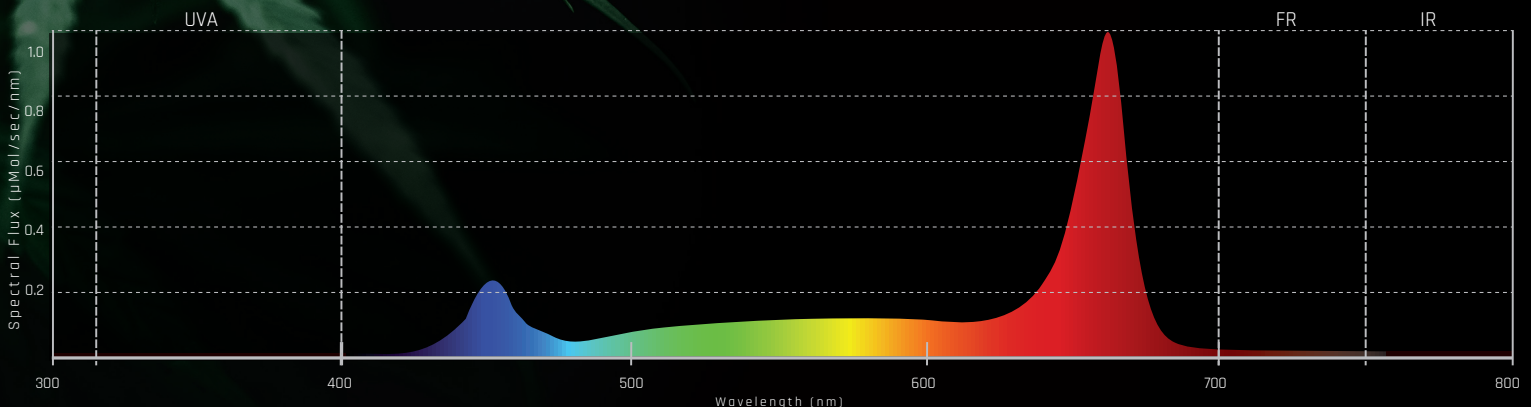
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Spectral Quantum Distribution (SQD) Fohse™ F1V 1000W Plus+ Model FIXED SPECTRUM



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



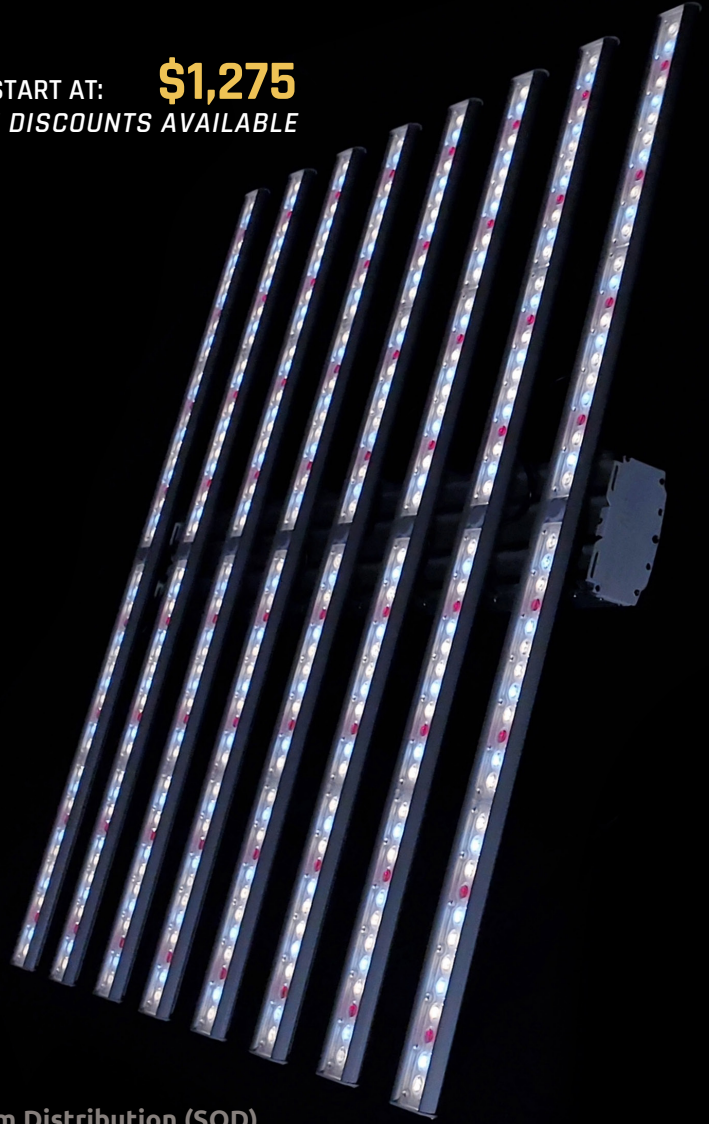
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F1V 800W STANDARD MODEL

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,920 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
Input power	800W
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

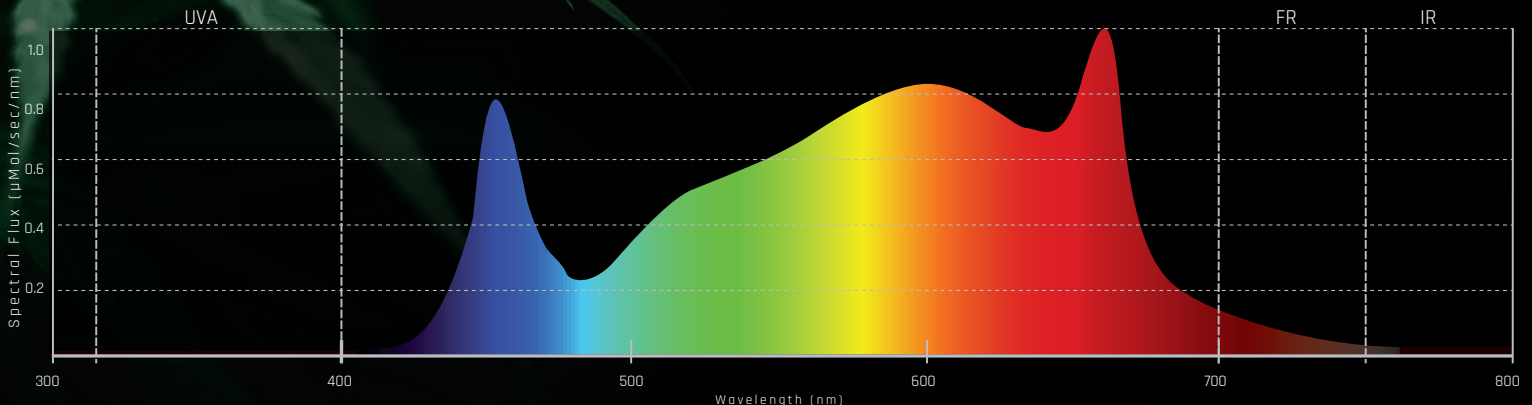
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Spectral Quantum Distribution (SQD)
Fohse™ F1V 800W Standard Model
FIXED SPECTRUM



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



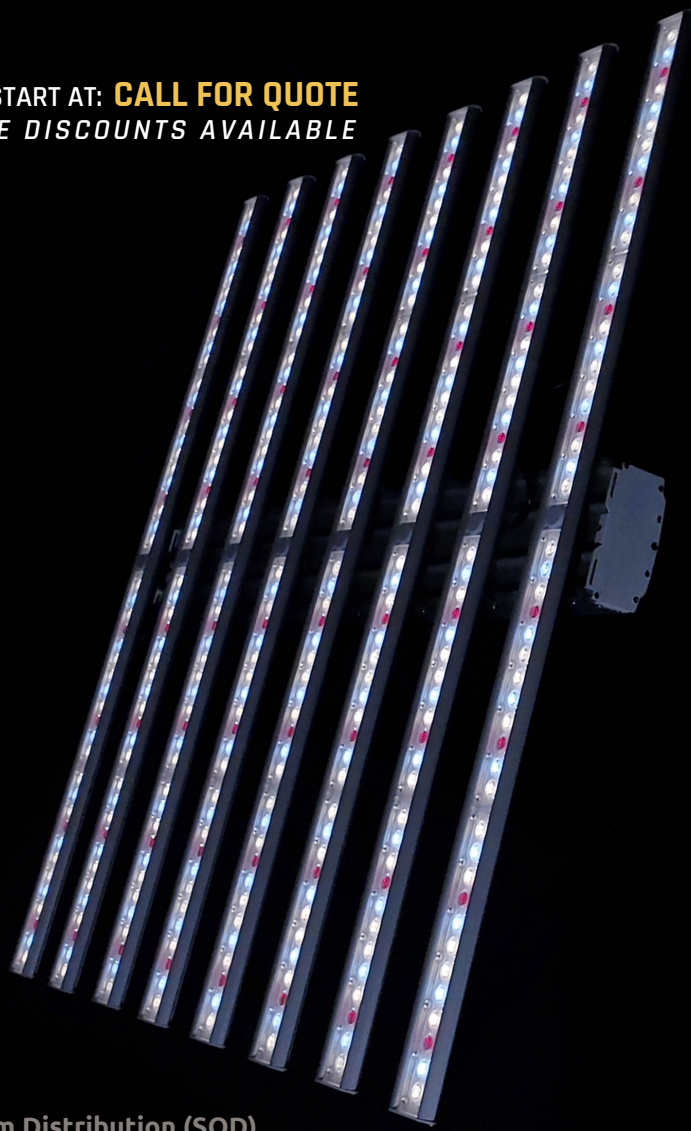
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F1V 800W PLUS+ MODEL

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	800W
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

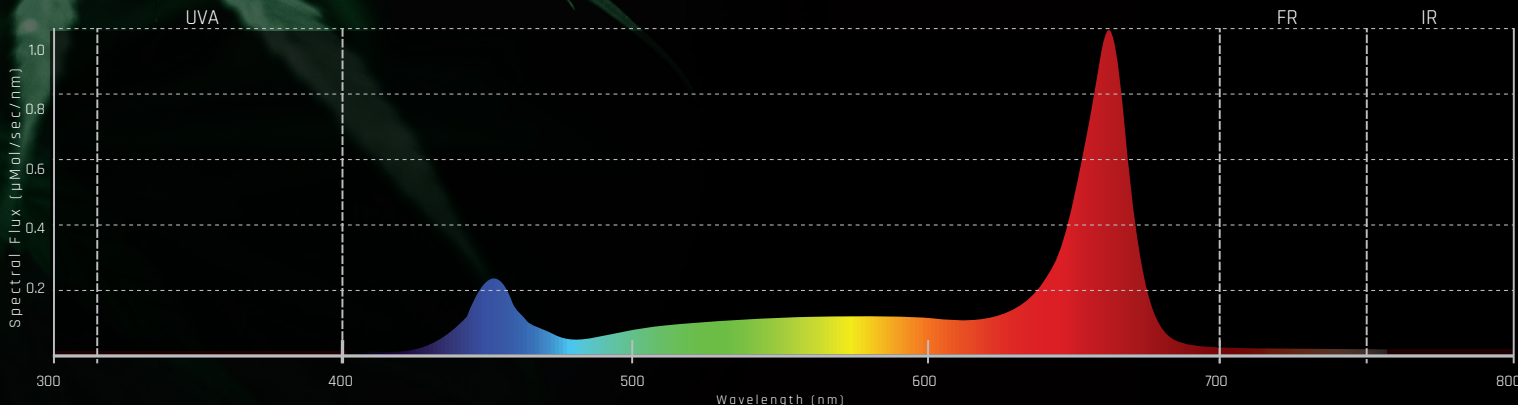
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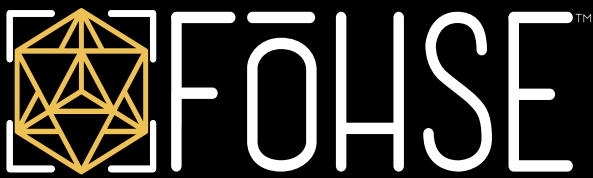
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Spectral Quantum Distribution (SQD)
Fohse™ F1V 800W Plus+ Model
FIXED SPECTRUM



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 STANDARD MODEL

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,440 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
Input power	600W
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

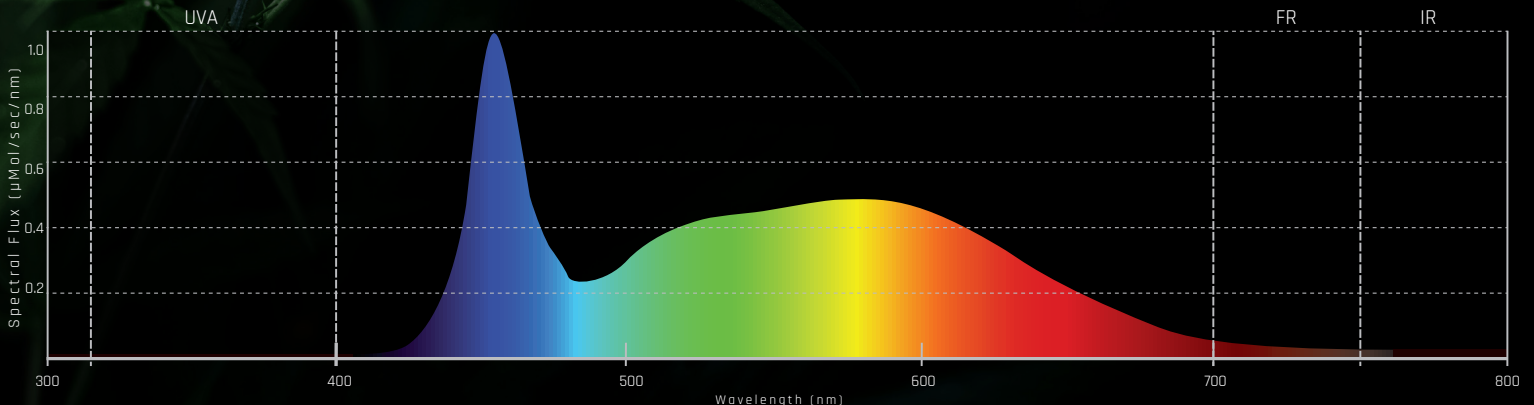
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Spectral Quantum Distribution (SQD) Fohse™ F1V 600W Standard Model FIXED SPECTRUM



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



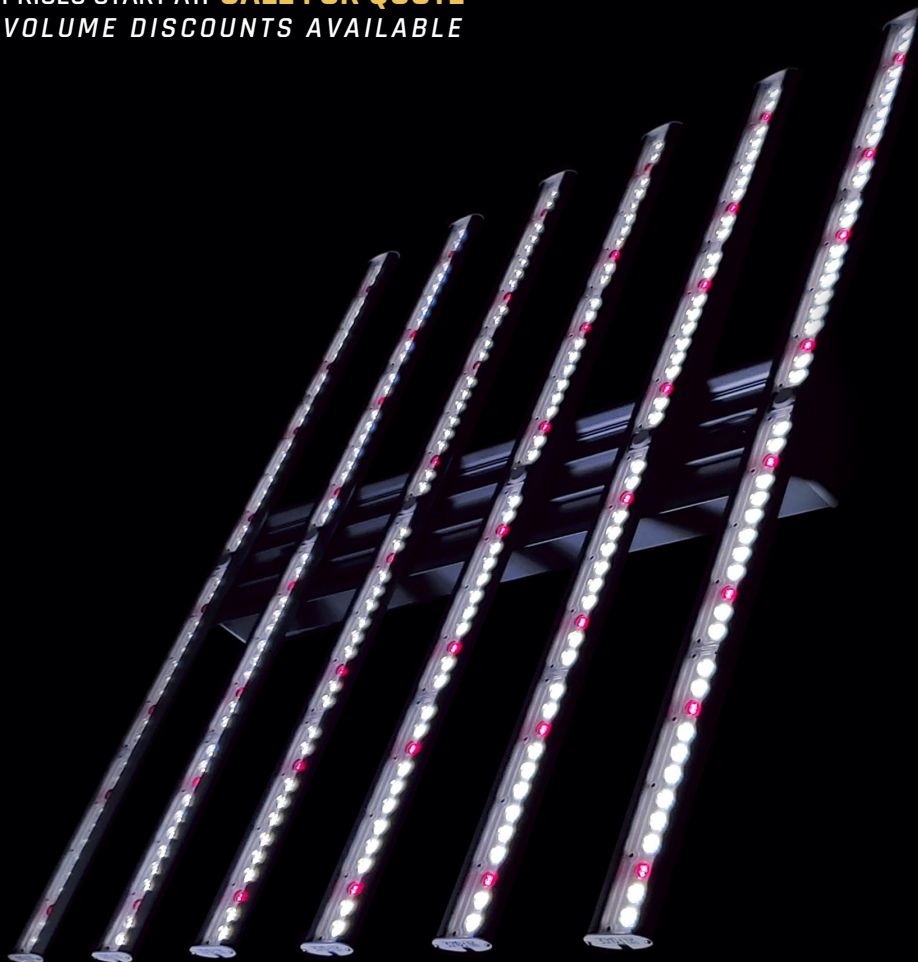
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F1V 600W PLUS+ MODEL

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,440 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
Input power	600W
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

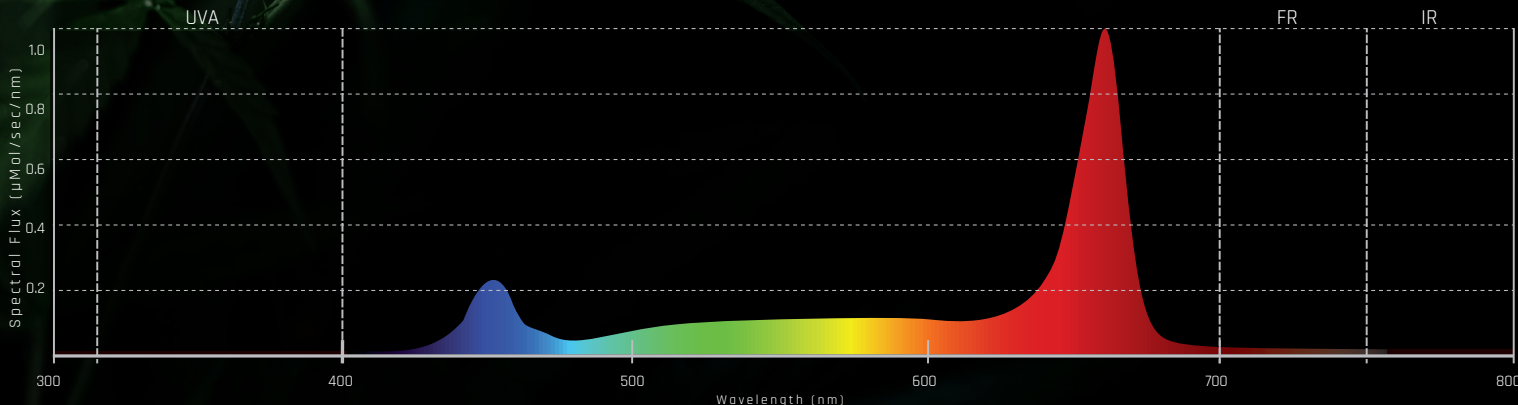
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Spectral Quantum Distribution (SQD) Fohse™ F1V 600W Plus+ Model FIXED SPECTRUM



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



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F1V 420W

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	1,008 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
Input power	420W
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

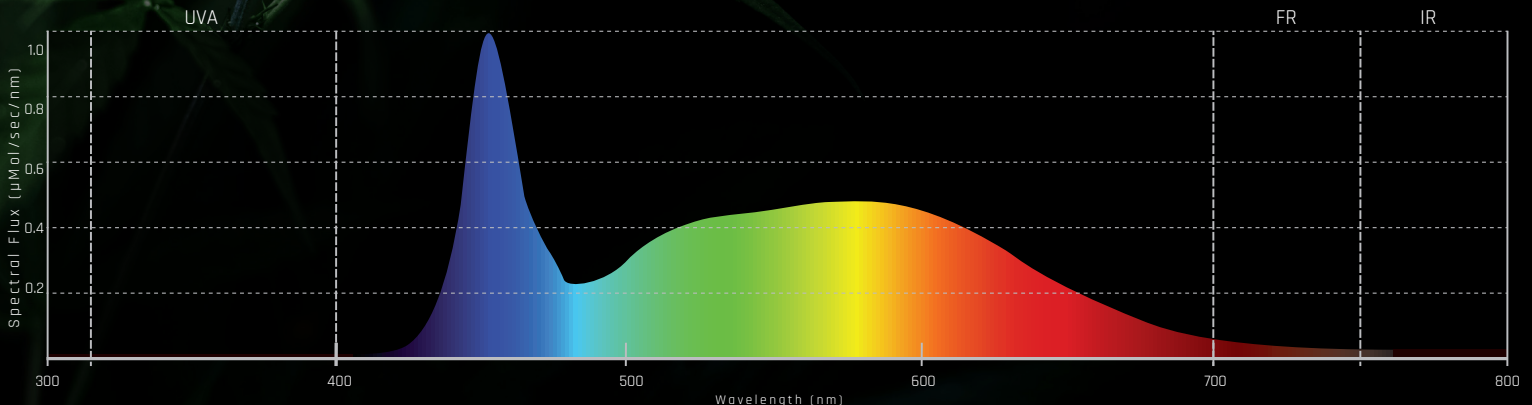
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Spectral Quantum Distribution (SQD)
Fohse™ F1V 420W
FIXED SPECTRUM



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



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SIRIUS 60W

FIXTURE SPECIFICATIONS

Light source	Samsung LEDs
PPF	144 $\mu\text{Mol/s}$
Fixture Efficacy 100% - 50% power	2.4 - 2.6 $\mu\text{Mol/J}$
Input power	60W
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

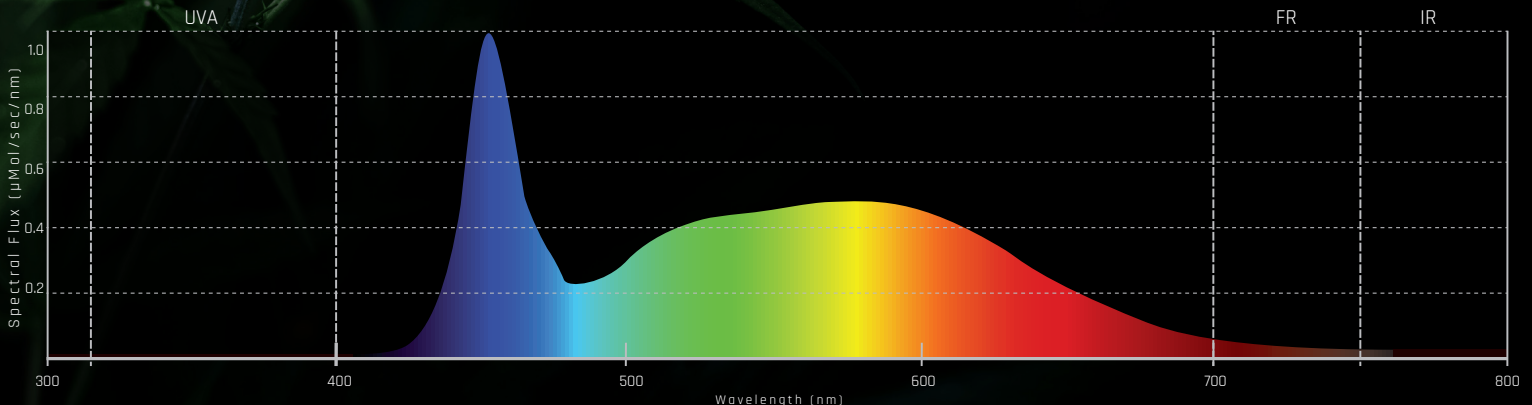
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Spectral Quantum Distribution (SQD)
Fohse™ Sirius 60W
FIXED SPECTRUM



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



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