

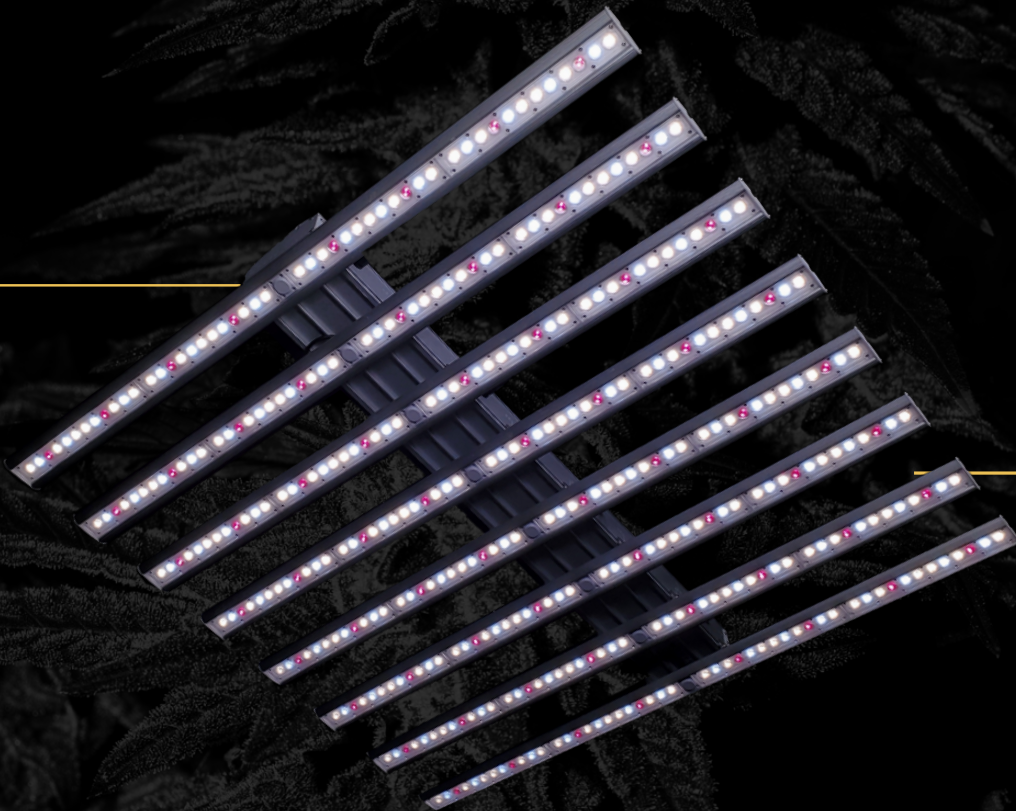


FÖHSE™

FUTURE OF HORTICULTURAL
SCIENCE + ENGINEERING

FIXTURE OVERVIEW

F1V SERIES



F1V [GREENHOUSE | SINGLE OR MULTI TIER]

IT'S ABOUT STRIKING A BALANCE

Cultivating dense canopies in a commercial-scale, vertical environment presents an interesting lighting challenge. HID lamps have the power, but their excessive heat rules them out for close-to-canopy growing. Early-generation LED fixtures alleviate the heat issue, but fall short on photon

delivery. Right in the sweet spot is where we designed the F1V luminaire. With the extra power, your control over the light levels is accomplished digitally via a touchscreen controller. Never again manually raise/lower your fixtures to 'chase the canopy'. That's a relief.



F1V 1000W

1000W

PPE

2.60 $\mu\text{mol}/\text{J}$

PPF*

2600 $\mu\text{mol}/\text{s}$

F1V 800W

800W

PPE

2.60 $\mu\text{mol}/\text{J}$

PPF*

2080 $\mu\text{mol}/\text{s}$

F1V 600W

600W

PPE

2.5 $\mu\text{mol}/\text{J}$

PPF*

1500 $\mu\text{mol}/\text{s}$

F1V 420W

420W

PPE

2.5 $\mu\text{mol}/\text{J}$

PPF*

1050 $\mu\text{mol}/\text{s}$

F1V [1000W]

PPE

2.60
μmol/J

PPF*

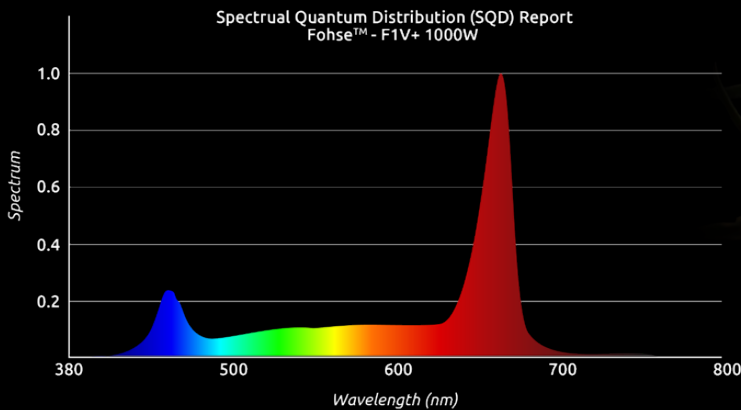
2600
μmol/s

IP RATING

IP65



FIXTURE SPECS	
LED Type	San'an 3V 2835+San'an 3535 660nm +San'an 3030 730nm
Consumption Wattage at 100% Power	1000
Maximum BTU Output	3410
Input Voltage Options	Low Voltage 120-277
	High Voltage 250-480
Max Ambient Air Operating Temp	104°F
Dimensions	45.5" x 42" x 4.5"
Weight	39 lbs.



Every batch of fixtures we manufacture is customized to perfectly match the unique conditions of your facility. Because these customizations affect the build cost every order is priced differently. We aim to give every client the best price possible for their fixtures. By opening a dialogue and getting to know all the nuances of your facility our sales reps can identify every opportunity for cost savings – such as volume discounts – that we of course pass along to you.

* Options up to. Subject to change without notice.

Tolerance ±10%

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*Specs updated quarterly and are subject to change

NOTE: We will never be beaten on price. Every bid comes attached with Fohse's Price Match Guarantee. Terms and conditions apply.



F1V [800W]

PPE

2.60
μmol/J

PPF*

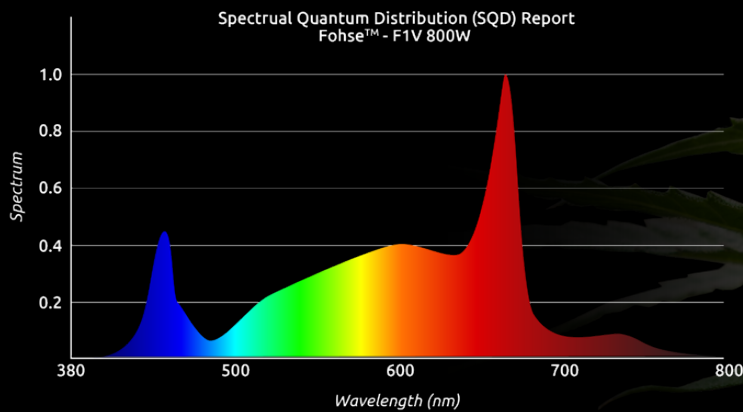
2080
μmol/s

IP RATING

IP65



FIXTURE SPECS	
LED Type	Samsung 3V 2835+San'an 3535 660nm
Consumption Wattage at 100% Power	800
Maximum BTU Output	2728
Input Voltage Options	Low Voltage 120-277
	High Voltage 250-480
Max Ambient Air Operating Temp	104°F
Dimensions	45.5" x 42" x 4.5"
Weight	39 lbs.



Every batch of fixtures we manufacture is customized to perfectly match the unique conditions of your facility. Because these customizations affect the build cost every order is priced differently. We aim to give every client the best price possible for their fixtures. By opening a dialogue and getting to know all the nuances of your facility our sales reps can identify every opportunity for cost savings – such as volume discounts – that we of course pass along to you.

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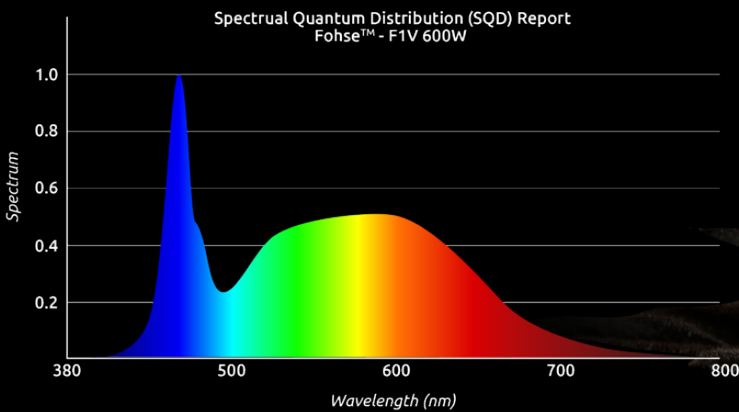
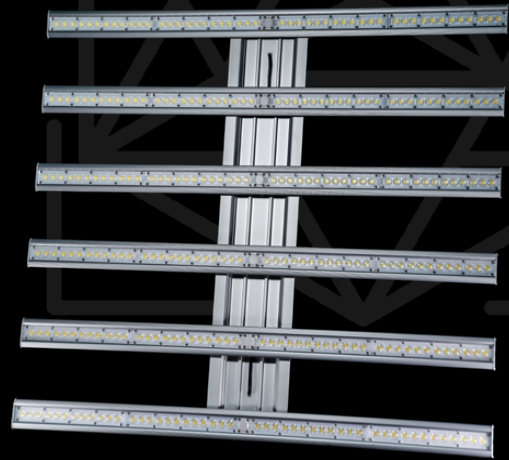
F1V [600W]

PPE
2.50
μmol/J

PPF*
1500
μmol/s

IP RATING
IP65

FIXTURE SPECS	
LED Type	Samsung 9V 2835 6500K
Consumption Wattage at 100% Power	600
Maximum BTU Output	2046
Input Voltage Options	Low Voltage 120-277
	High Voltage 250-480
Max Ambient Air Operating Temp	104°F
Dimensions	45.5" x 42" x 4.5"
Weight	30 lbs.



Every batch of fixtures we manufacture is customized to perfectly match the unique conditions of your facility. Because these customizations affect the build cost every order is priced differently. We aim to give every client the best price possible for their fixtures. By opening a dialogue and getting to know all the nuances of your facility our sales reps can identify every opportunity for cost savings – such as volume discounts – that we of course pass along to you.

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F1V [420W]

PPE

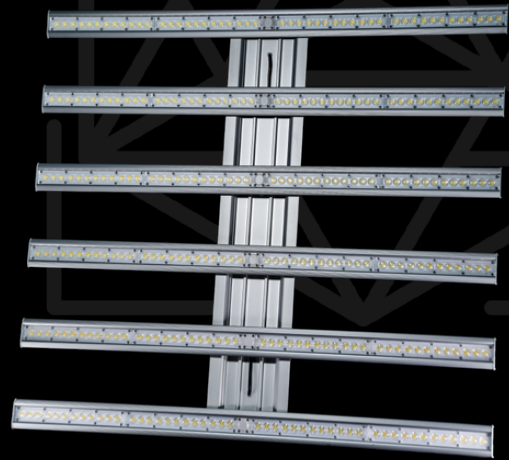
2.50
μmol/J

PPF*

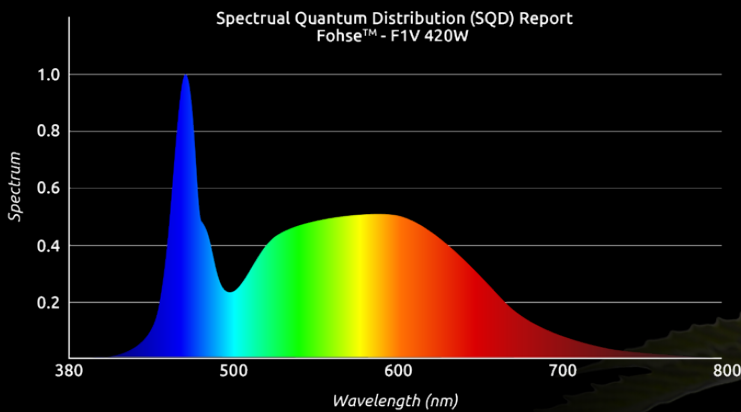
1050
μmol/s

IP RATING

IP65



FIXTURE SPECS	
LED Type	Samsung 9V 2835 6500K
Consumption Wattage at 100% Power	420
Maximum BTU Output	1432
Input Voltage Options	Low Voltage 120-277
	High Voltage 250-480
Max Ambient Air Operating Temp	104°F
Dimensions	45.5" x 42" x 4.5"
Weight	26 lbs.



Every batch of fixtures we manufacture is customized to perfectly match the unique conditions of your facility. Because these customizations affect the build cost every order is priced differently. We aim to give every client the best price possible for their fixtures. By opening a dialogue and getting to know all the nuances of your facility our sales reps can identify every opportunity for cost savings – such as volume discounts – that we of course pass along to you.

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