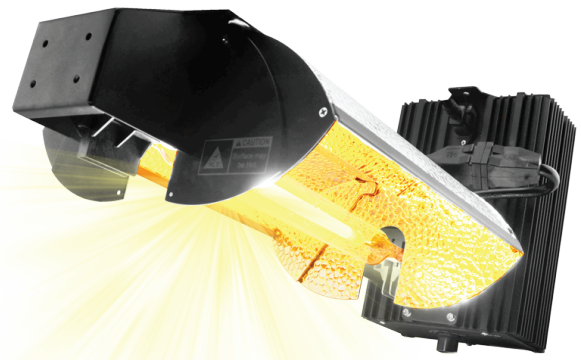


AgroMax Signature Series

1000 WATT CONTROLLABLE DOUBLE-ENDED FIXTURE



PRODUCT FEATURES

Equipped with intuitive extras and designed for advanced adaptability, AgroMax Signature Series fixtures push the limits of high-frequency DE technology to deliver maximum growth results in any horticultural application.

- Dimmable Settings: 600W, 750W, 825W, 1000W, 1150W
- Advanced external controller ready
- 3-position high-efficiency reflector
- Convertible configuration ability
- Operates HPS & MH DE lamps
- Available in 120/240v multi-volt & high-voltage 277-480v configurations
- High-frequency 120kHz lamp drive
- Built-in system monitor & error protection
- Lower harmonic distortion
- Generator ready
- UL-listed
- 3-year full warranty

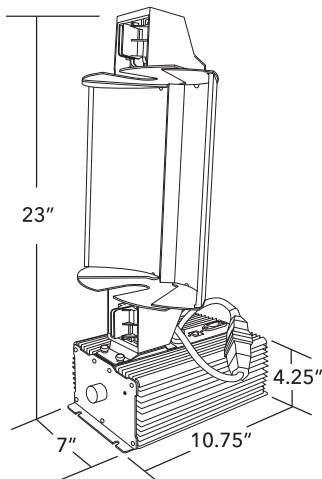
TECHNICAL SPECIFICATIONS

Model	1000W 120V/240V		1000W 277V	1000W 480V
Product Weight	6.0kg/13.22lb			
Dimensions (L/W/H)	579mm (22.79") x 236mm (9.29") x 271mm (10.67")			
Temperature Case	75° Celsius / 167° Fahrenheit			
Temperature Ambient	0 - 35° Celsius / 32 - 95° Fahrenheit			
Input Voltage +/- 10%	120V	240V	277V	480V
Input Current at 100%	9.30A	4.60A	4.03A	2.17A
Input Power at 100%	1085W	1055W	1055W	1032W
Power Factor	>0.99			
Total Harmonic Distortion	< 10%			
Frequency	50-60Hz			
Power Inlet	IEC C14			
Power Output Settings	600W / 750W / 825W / 1000W / 1150W / EXT (external controller)			
Ignition Voltage	5 kV			
Inrush Current	≤ 50 Amps	≤ 37.5 Amps	≤ 50 Amps	≤ 37.5 Amps
Plug Type	NEMA 5-15		NEMA L7-15P	Hardwire

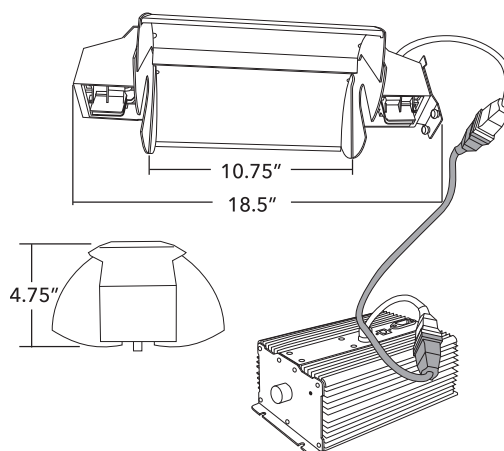
DIMENSIONS & CONFIGURATION

Adaptive Advantage – AgroMax Signature Series fixtures accommodate unique facility layouts better than any other DE on the market with convertible configuration ability and 3-position reflector angle adjustment.

ALL-IN-ONE CONFIGURATION

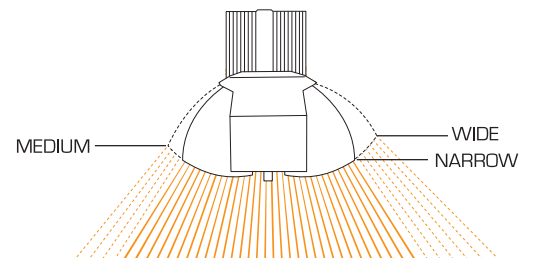


REMOTE CONFIGURATION



REFLECTOR POSITIONS

Narrow	8.25" TOTAL WIDTH
Medium	9.5" TOTAL WIDTH
Wide	10.5" TOTAL WIDTH



PERFORMANCE DATA

797 .96	807 .00	767 .84	855 .04	795 .42	745 .03	731 .96	686 .08
709 .64	733 .76	772 .91	798 .90	762 .36	769 .34	749 .83	709 .89
724 .47	762 .21	790 .30	808 .37	787 .06	770 .01	738 .17	780 .94
795 .71	796 .28	822 .50	823 .08	812 .71	783 .32	763 .00	685 .98
804 .73	816 .28	834 .14	840 .28	837 .38	821 .89	790 .18	782 .09
753 .36	760 .19	804 .84	811 .08	814 .04	803 .69	748 .82	683 .62
747 .49	757 .78	779 .33	786 .02	767 .77	770 .47	723 .07	690 .12
663 .49	747 .81	740 .09	746 .56	739 .29	726 .30	718 .23	666 .21

■ <700 PPFD ■ 701-750 PPFD ■ 751-799 PPFD ■ >800 PPFD

PPFD PERFORMANCE

Average	767.40 PPFD
Minimum	663.49 PPFD
Maximum	855.04 PPFD
Efficiency	0.72396 PPFD/W

TEST PARAMETERS

Test Area	4' x 4' area (enclosed)
Readings	6" on-center increments
Test Distance	3 Feet
Test Lamp	AgroMax 1000W HPS DE
Test Wattage	1060W
Reflector Position	Narrow

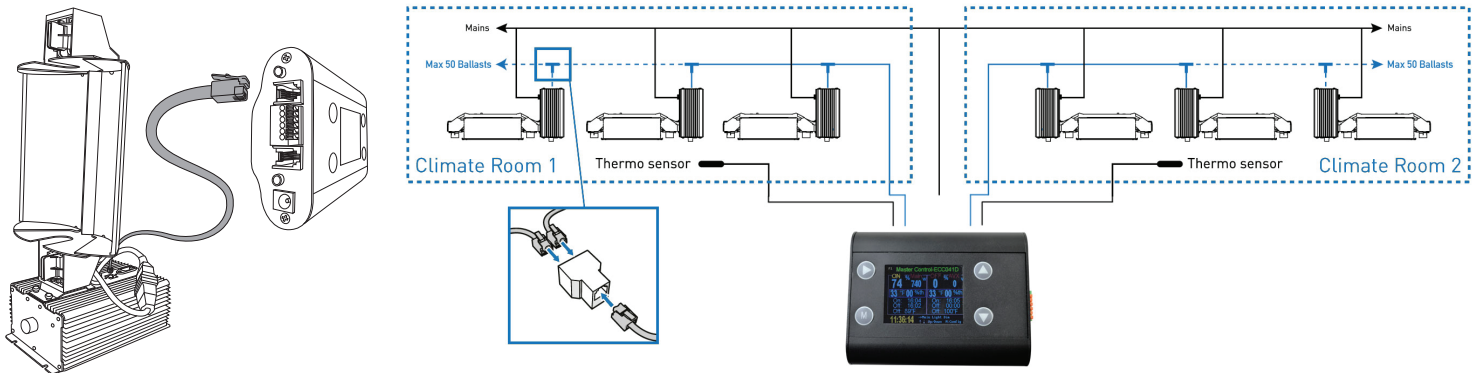
SYSTEM PROGRAMMING

Integrated Intelligence – Built-in advanced software provides network-ready dynamic lighting capabilities as well as system monitoring for operational error protection.

- Built-in RJ11 (6P4C) external control port
- Continuous output control range
- Red/Green/Yellow LED status indicator
- Hot-start prevention
- Internal temperature monitor
- Voltage monitor

AGROMAX SIGNATURE SERIES MASTER CONTROLLERS

Complete Control – Adjust on/off cycles, output settings (dimming), environmental lighting simulation, and automatic high-temperature protection for up to 100 lights with AgroMax Signature Series Master Controllers. Plug-and-play setup provides quick and easy installation while the user-friendly push-button interface makes adjustments simple.



SPECS & FEATURES:

- Controls up to 100 Signature Series fixtures
- 2-channel control - max 50 lights ea.
- On/off cycle timer - 00:00:00
- Power output (dimming) - 115%-50% continuous
- Sunrise/sunset environmental simulator 1-120 min.
- High-temperature shutdown
- Auxiliary output