

# WESTERN ELECTRICAL

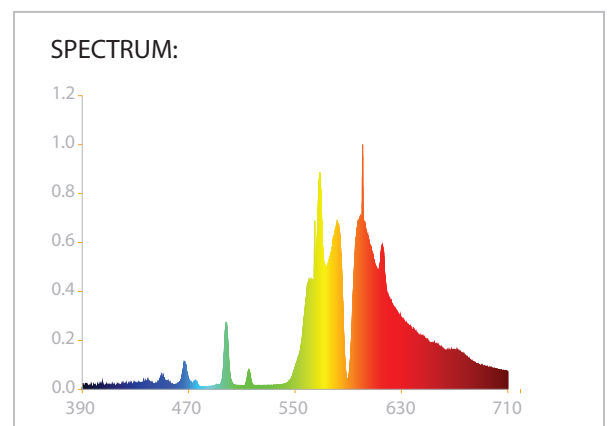
HORTICULTURAL GROW LAMP

1000W HPS DE PRO HV



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- THE PRO HV DE SERIES IS ENGINEERED FOR PROFESSIONAL GROWERS
- BENCHMARK-SETTING PPF OUTPUT AND EFFICIENCY
- WORKS WITH ELECTRONIC ULTRA HIGH FREQUENCY 400V BALLASTS
- SUITS DOUBLE ENDED FIXTURES
- IDEAL FOR FLOWERING

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	33
L - Bulb Length	325
MOL - Max Overall Length	395
Max Base to Bulb	3



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## HORTICULTURAL GROW LAMP

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### GENERAL CHARACTERISTICS

Cap-Base	DE
Bulb (Size & Material)	T33 - Quartz Glass, L=325mm
Bulb Finish	Clear
Arc Tube Material	PCA
Operating Position	Horizontal (H)
Max Bulb Temperature ( °C)	400
Rated Averaged Life (h)	10,000
Dimmable	YES

### PRODUCT DATA

Product Name	1000W HPS HV DE Hydroponic Lamp
Manufacturer Code	HPS1000 / H / T33 / DE / PRO HV
Lamps Per Carton	12
Certification Marks	CE

### ELECTRICAL DATA

### NOMINAL VALUE

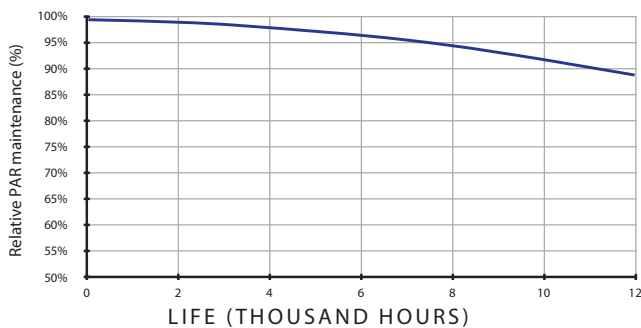
Lamp Rated Wattage (W)	1000
Lamp Operating Voltage (V)	245
Lamp Current (A)	5
Ignition Type	Pulse-start
Ignition Voltage (kV)	4.5~5
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	8 MAX.
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	240V-5.2A-50Hz

### LIGHT PARAMETERS

### NOMINAL VALUE

Color Rendering Index (%)	35
Color Temperature (K)	2,100
Luminous Flux (Lm)	160,000
Luminous Efficacy (Lm/w)	142
PPF (umol/s)	2,220 MAX.
PPF Efficacy (umol/s/w)	1.92 MAX.

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

