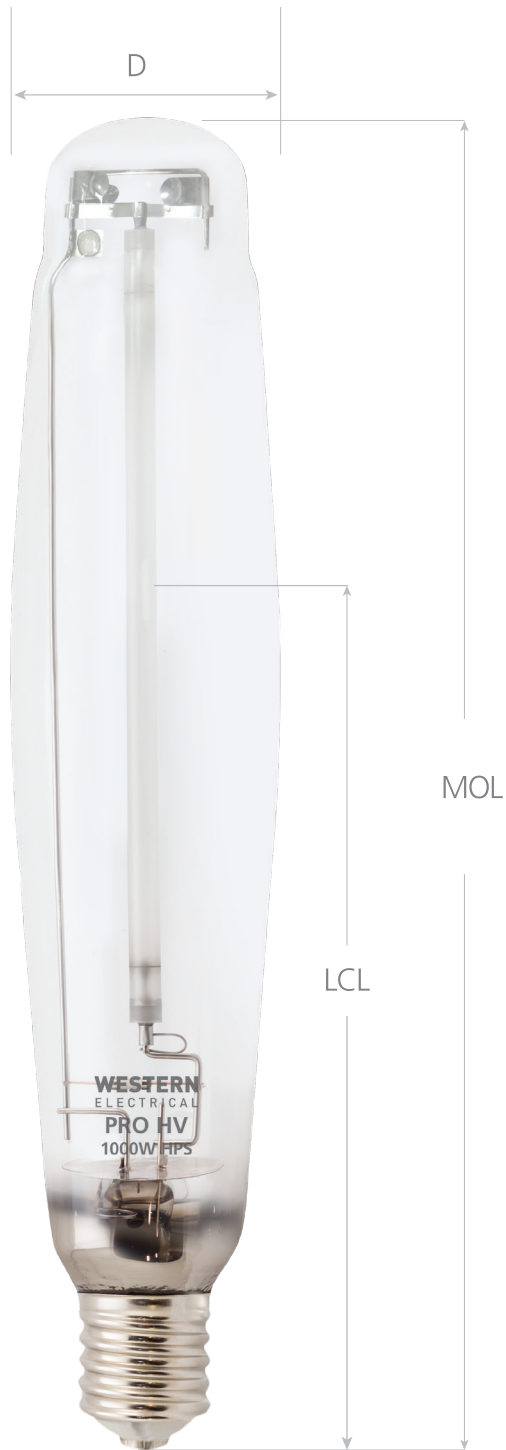


WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

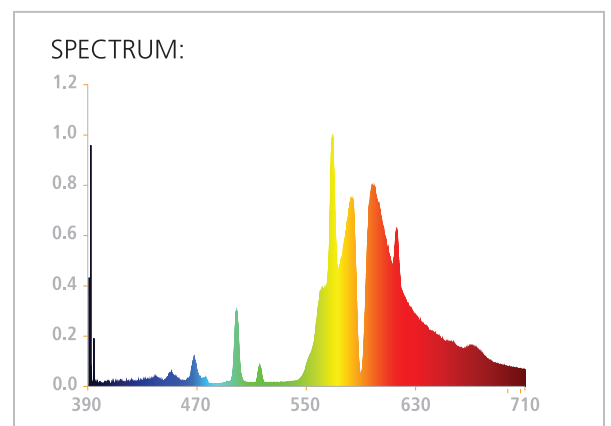
1000W HPS PRO HV



DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	81
MOL - Max Overall Length	380
LCL - Light Centre Length	228
Max Base to Bulb (Degree)	3



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- THE PRO HV LINE IS ENGINEERED FOR PROFESSIONAL GROWERS
- HIGHEST PERFORMANCE AND CLASS-LEADING EFFICIENCY
- WORKS BEST WITH ULTRA HIGH FREQUENCY
- 400V BALLASTS, ALSO COMPATIBLE WITH MAGNETIC HPS BALLASTS
- SUITS SINGLE ENDED FIXTURES
- IDEAL FOR FLOWERING



WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

1000W HPS PRO HV

GENERAL CHARACTERISTICS

Cap-Base	E40 or E39
Bulb (Size & Material)	ET80 - Borosilicate(Hard Glass)
Bulb Finish	Clear
Arc Tube Material	PCA
Operating Position	Universal (U)
ANSI Designation	S52
Max Bulb Temperature (°C)	400
Rated Averaged Life (h)	24,000
Dimmable	YES

PRODUCT DATA

Product Name	1000W HPS Hydroponic Lamp
Manufacturer Code	HPS1000 / U / ET80 / E40 / PRO HV
Lamps Per Carton	12
Certification Marks	CE

ELECTRICAL DATA

NOMINAL VALUE

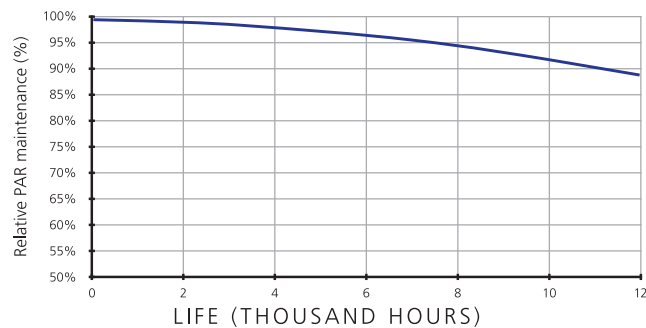
Lamp Rated Wattage (W)	1000
Lamp Operating Voltage (V)	260
Lamp Current (A)	4.5
Ignition Type	Pulse-start
Ignition Voltage (kV)	4.5~5.2
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	8 MAX.
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	240V-4.8A-50Hz

LIGHT PARAMETERS

NOMINAL VALUE

Color Rendering Index (%)	28
Color Temperature (K)	2,000
Luminous Flux (Lm)	155,000
Luminous Efficacy (Lm/w)	141
PPF (umol/s)	1,960 Max
PPF Efficacy (umol/s/w)	1.8 Max

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

