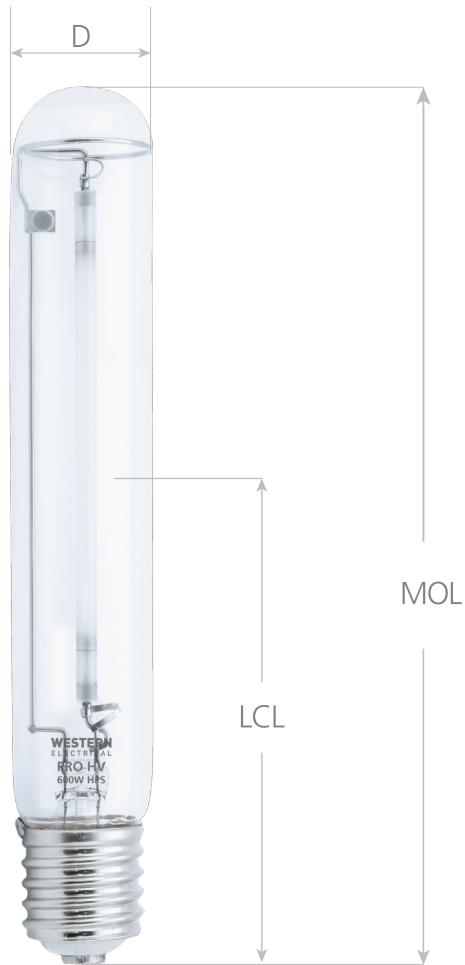


# WESTERN ELECTRICAL

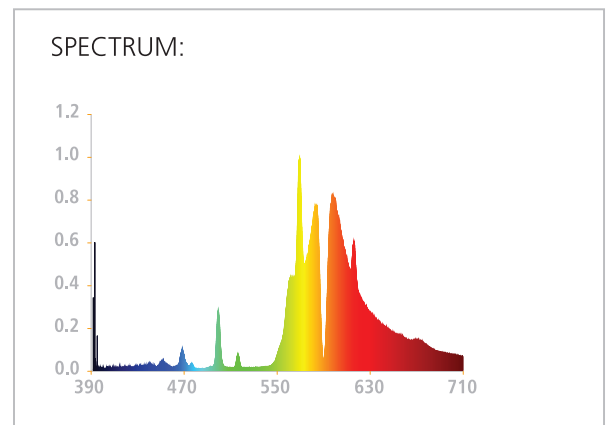
HORTICULTURAL GROW LAMP

600W HPS PRO HV



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

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	46
MOL - Max Overall Length	286
LCL - Light Centre Length	173
Max Base to Bulb (Degree)	3



# WESTERN ELECTRICAL

## HORTICULTURAL GROW LAMP

600W HPS PRO HV

### GENERAL CHARACTERISTICS

Cap-Base	E40 or E39
Bulb (Size & Material)	T46 - Borosilicate (Hard Glass)
Bulb Finish	Clear
Arc Tube Material	PCA
Operating Position	Universal (U)
Max Base Temperature (°C)	210
Max Bulb Temperature (°C)	400
Rated Averaged Life (h)	28,000
Dimmable	YES

### PRODUCT DATA

Product Name	600W HPS PRO HV Hydroponic Lamp
Manufacturer Code	HPS600 / U / T46 / E40 / PRO HV
Lamps Per Carton	12
Certification Marks	CE

### ELECTRICAL DATA

### NOMINAL VALUE

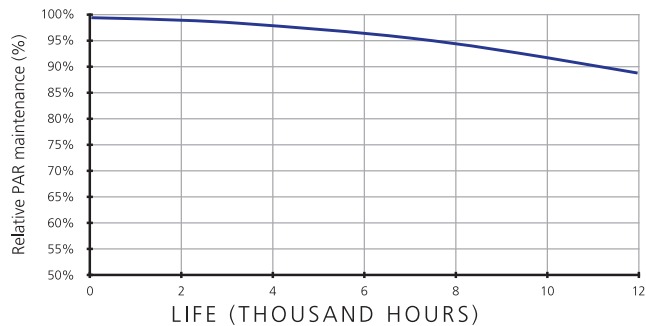
Lamp Rated Wattage (W)	600
Lamp Operating Voltage (V)	195
Lamp Current (A)	3.5
Ignition Type	Pulse-Start
Ignition Voltage (kV)	4.5~5
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	5 MAX.
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	240V-2.9A-50Hz

### LIGHT PARAMETERS

### NOMINAL VALUE

Color Rendering Index (%)	30
Color Temperature (K)	2,000
Luminous Flux (Lm)	92,000
Luminous Efficacy (Lm/w)	137.3
PPF (umol/s)	1,194
PPF Efficacy (umol/s/w)	1.78

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

