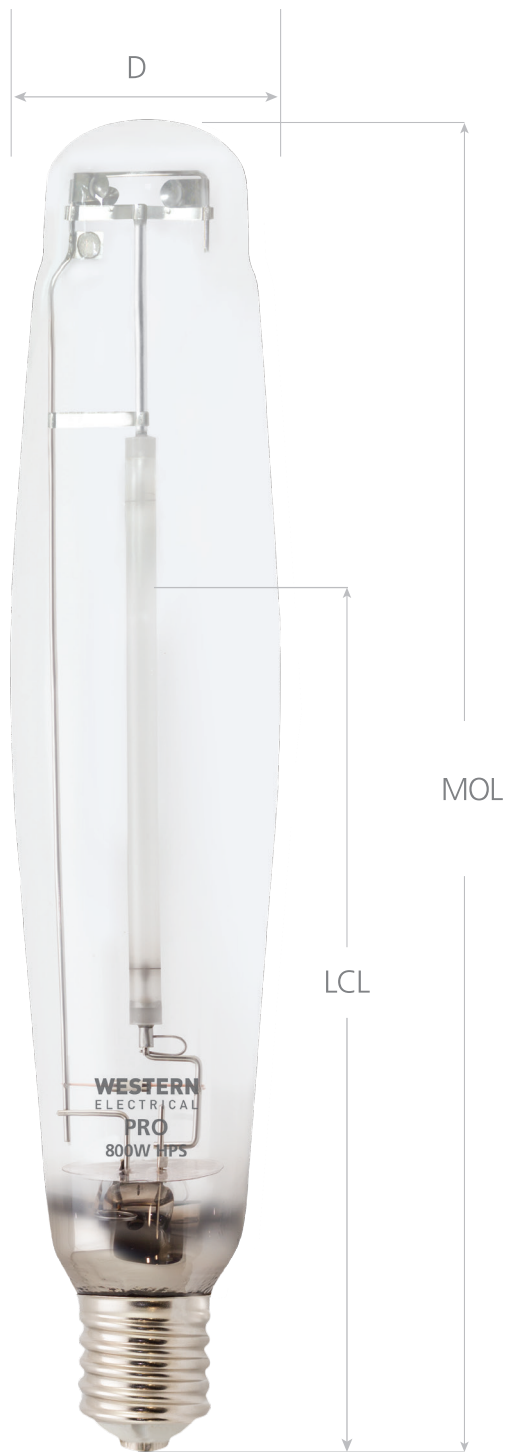


# WESTERN ELECTRICAL

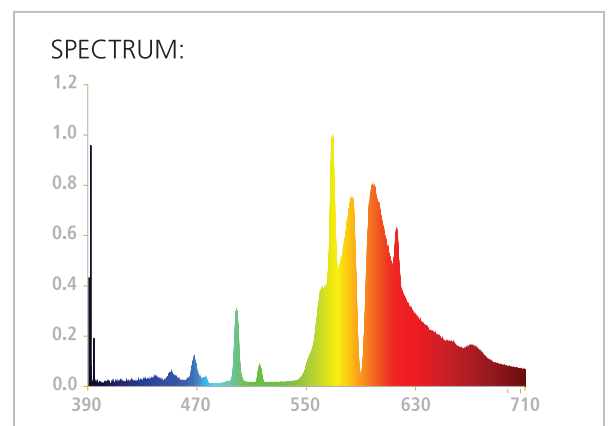
HORTICULTURAL GROW LAMP

800W HPS PRO



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- THE PRO LINE IS ENGINEERED FOR PROFESSIONAL GROWERS
- HIGHEST PERFORMANCE AND EFFICIENCY
- WORKS WITH ELECTRONIC AND MAGNETIC BALLASTS
- SUITS SINGLE ENDED FIXTURES
- IDEAL FOR FLOWERING

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



# WESTERN ELECTRICAL

## HORTICULTURAL GROW LAMP

800W HPS PRO

### 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)
Max Bulb Temperature (°C)	400
Rated Averaged Life (h)	24,000
Dimmable	YES

### PRODUCT DATA

Product Name	800W HPS Hydroponic Lamp
Manufacturer Code	HPS800 / U / ET80 / E40 / PRO
Lamps Per Carton	6
Certification Marks	CE

### ELECTRICAL DATA

### NOMINAL VALUE

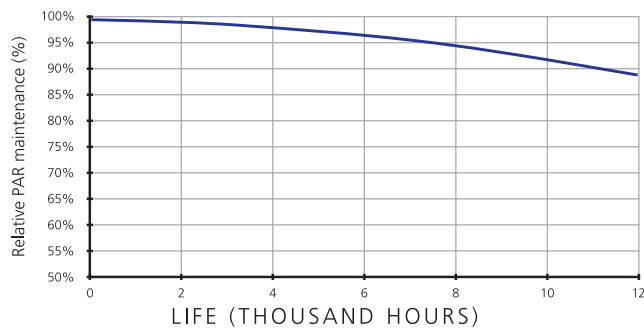
Lamp Rated Wattage (W)	800
Lamp Operating Voltage (V)	135
Lamp Current (A)	6.9
Ignition Type	Pulse-start
Ignition Voltage (kV)	4.5~5.2
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	8 MAX.
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	240V-3.8A-50Hz

### LIGHT PARAMETERS

### NOMINAL VALUE

Color Rendering Index (%)	25
Color Temperature (K)	2,100
Luminous Flux (Lm)	125,000
Luminous Efficacy (Lm/w)	152
PPF (umol/s)	1,500 Max
PPF Efficacy (umol/s/w)	1.8

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

