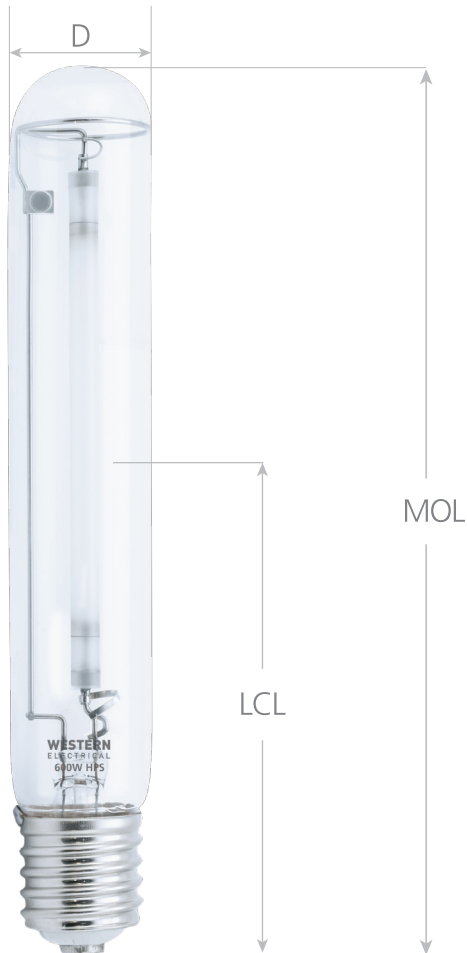


WESTERN ELECTRICAL

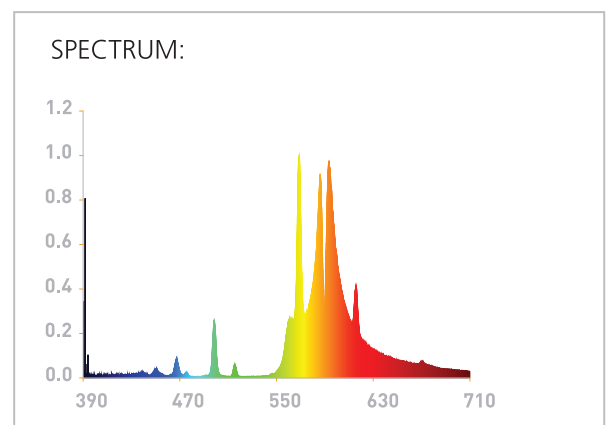
HORTICULTURAL GROW LAMP

600W HPS



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- IDEAL FOR GENERAL PURPOSE USE
- HIGH PERFORMANCE AND EFFICIENCY
- WORKS WITH ELECTRONIC AND MAGNETIC BALLASTS
- 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

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)
ANSI Designation	S106
Max Bulb Temperature (°C)	400
Rated Averaged Life(h)	30,000
Dimmable	YES

PRODUCT DATA

Product Name	600W HPS LV HORTICULTURAL GROW LAMP
Manufacturer Code	HPS600 / U / T46/ E40
Lamps Per Carton	12
Certification Marks	CE Compliance

ELECTRICAL DATA

NOMINAL VALUE

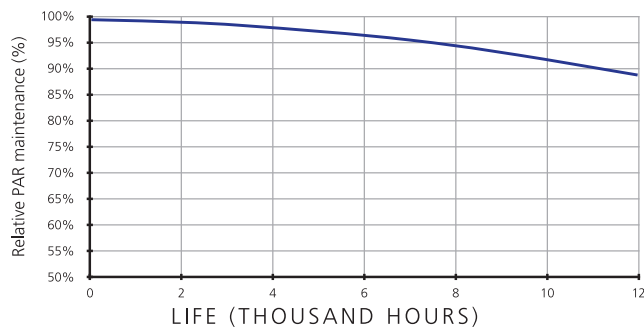
Lamp Rated Wattage (W)	600
Lamp Operating Voltage (V)	115
Lamp Current (A)	6.2
Ignition Type	Pulse-Start
Ignition Voltage (kV)	4-5
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	5 MAX.
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	240V-2.9A-50Hz

LIGHT PARAMETERS

NOMINAL VALUE

Color Rendering Index (%)	20
Color Temperature (K)	2,000
Luminous Flux (Lm)	96,000
Luminous Efficacy (Lm/w)	145
PPF (umol/s)	1,140
PPF Efficacy (umol/s/w)	1.73

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

