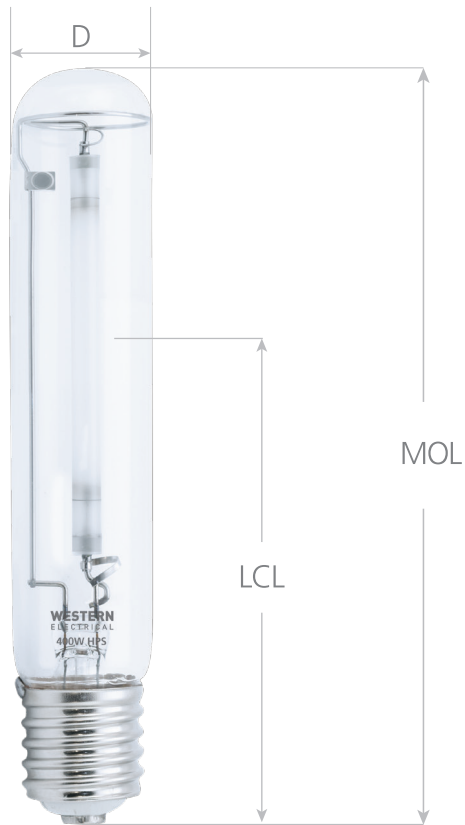


# WESTERN ELECTRICAL

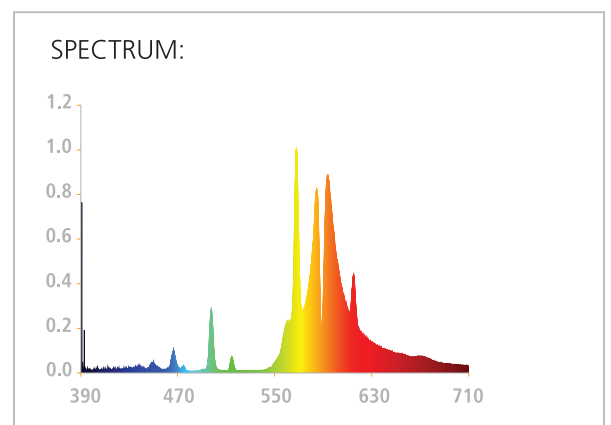
HORTICULTURAL GROW LAMP

400W 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

400W 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	S51
Max Bulb Temperature (°C)	400
Rated Averaged Life(h)	30,000
Dimmable	YES

### PRODUCT DATA

Product Name	400W HPS LV HORTICULTURAL GROW LAMP
Manufacturer Code	HPS400 / U / T46/ E40
Lamps Per Carton	12
Certification Marks	CE Compliance

### ELECTRICAL DATA

### NOMINAL VALUE

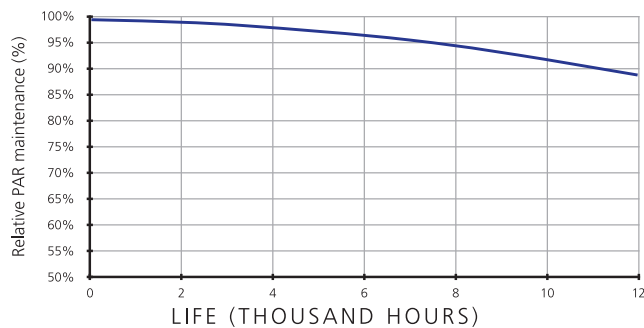
Lamp Rated Wattage (W)	400
Lamp Operating Voltage (V)	105
Lamp Current (A)	4.6
Ignition Type	Pulse-Start
Ignition Voltage (kV)	4~5
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	5 MAX.
Typical Hot Restart Time (min)	10 MAX.
Reference Ballast Characteristics	240V-1.9A-50Hz

### LIGHT PARAMETERS

### NOMINAL VALUE

Color Rendering Index (%)	20
Color Temperature (K)	2,000
Luminous Flux (Lm)	58,000
Luminous Efficacy (Lm/w)	131.8
PPF (umol/s)	680
PPF Efficacy (umol/s/w)	1.5

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

