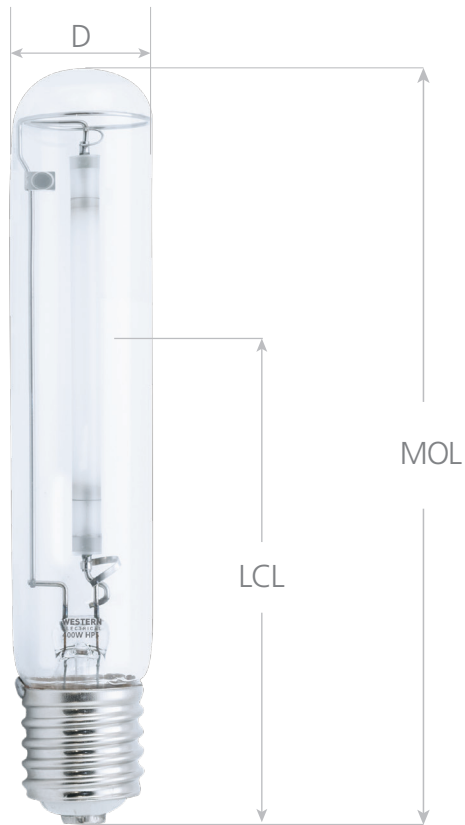


WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

400W HPS



■ COMMERCIAL AREAS



■ PEDESTRIAN



■ STREET LIGHTING



■ ROAD AND TUNNEL



■ DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS

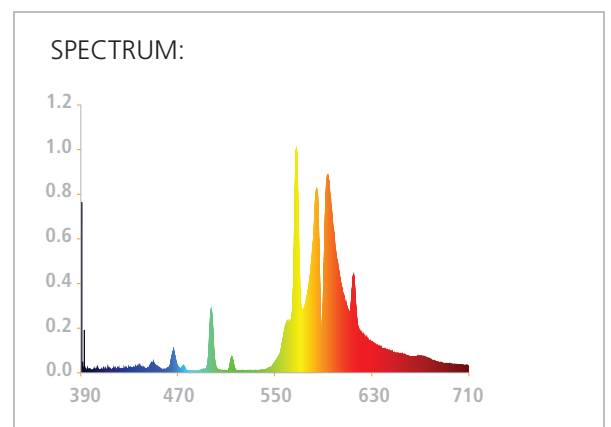
■ IDEAL FOR GENERAL PURPOSE USE

■ 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

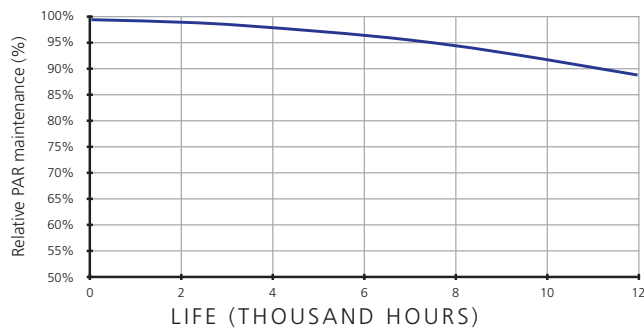
Lamp Rated Wattage (W)	400
Lamp Operating Voltage (V)	105
Lamp Current (A)	4.6
Ignition Type	Pulse-Start
Ignition Voltage (kV)	4~5
Ignition Time (s)	5 MAX.
Run-up Time 90% (min)	5 MAX.
Typical Hot Restart Time (min)	10 MAX.
Reference Ballast Characteristics	240V-1.9A-50Hz

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

