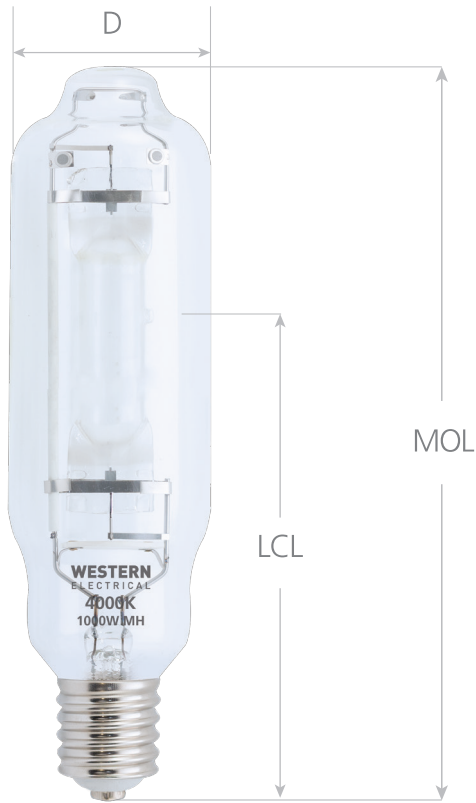


WESTERN ELECTRICAL

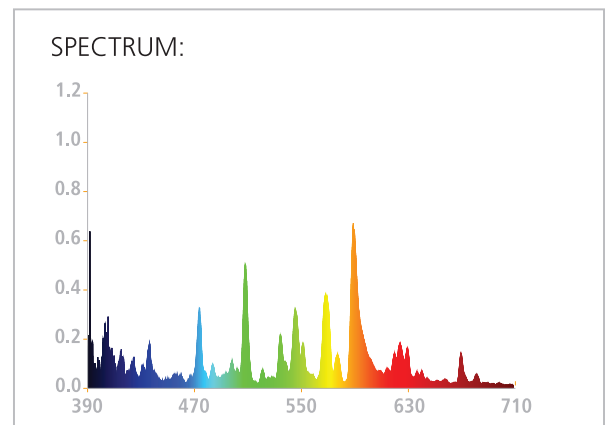
HORTICULTURAL GROW LAMP

1000W MH 4000K



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- RECOMMENDED FOR COMPLETE GENERAL PURPOSE USE
- CLASS-LEADING LIGHT SPECTRUM COVERAGE
- WORKS WITH ELECTRONIC AND MAGNETIC BALLASTS
- SUITS SINGLE ENDED FIXTURES
- IDEAL FOR THE ENTIRE PLANT LIFECYCLE

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	76
MOL - Max Overall Length	287
LCL - Light Centre Length	183
Max Base to Bulb (Degree)	3



WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

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GENERAL CHARACTERISTICS

Cap-Base	E40 or E39
Bulb (Size & Material)	T76 - Borosilicate(Hard Glass)
Bulb Finish	Clear
Arc Tube Material	Quartz
Operating Position	Universal (U)
ANSI Designation	S52
Max Base Temperature (°C)	250
Max Bulb Temperature (°C)	550
Rated Averaged Life(h)	10,000
Dimmable	YES

PRODUCT DATA

Product Name	1000W/4K MH Hydroponic Lamp
Manufacturer Code	MH1000 / U / T76 / E40 / 4K /CORE
Lamps Per Carton	12
Certification Marks	CE

ELECTRICAL DATA

NOMINAL VALUE

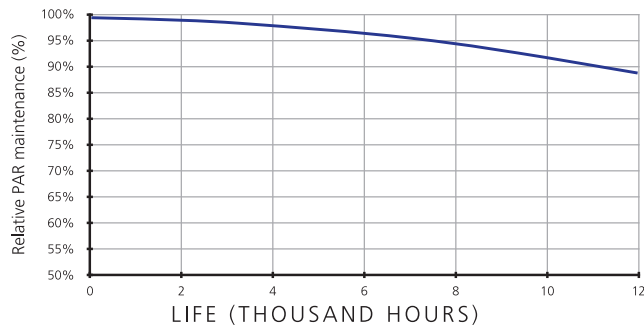
Lamp Rated Wattage (W)	1000
Lamp Operating Voltage (V)	263
Lamp Current (A)	4.1
Ignition Type	Pulse-Start
Ignition Voltage (kV)	3~4
Ignition Time (s)	3 MAX.
Run-up Time 90% (min)	8 MAX.
Typical Hot Restart Time (min)	10 MAX.
Reference Ballast Characteristics	240V-4.9A-50Hz

LIGHT PARAMETERS

NOMINAL VALUE

Color Rendering Index (%)	67
Color Temperature (K)	4,000
Luminous Flux (Lm)	130,000
Luminous Efficacy (Lm/w)	115
PPF (umol/s)	1,770
PPF Efficacy (umol/s/w)	1.60

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

