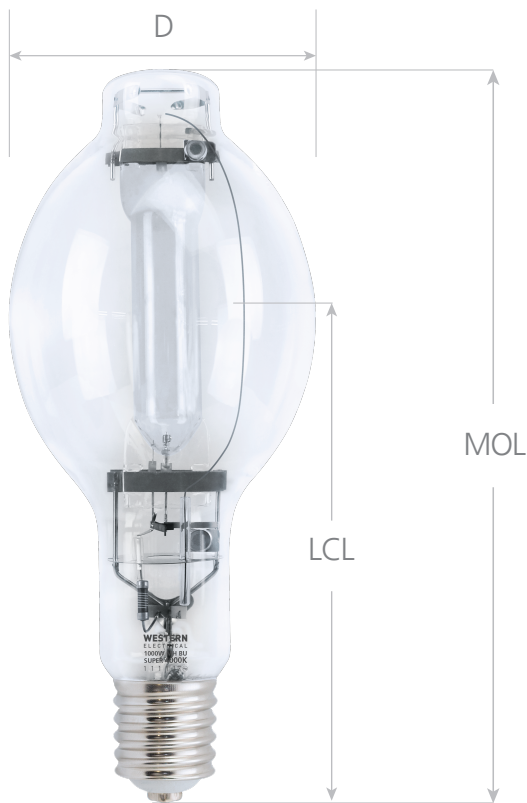


WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

1000W MH BU SUPER 4000K



■ COMMERCIAL AREAS



■ PEDESTRIAN



■ GREEN AREAS



■ DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS

■ RECOMMENDED FOR COMPLETE GENERAL PURPOSE USE

■ CLASS-LEADING LIGHT SPECTRUM COVERAGE

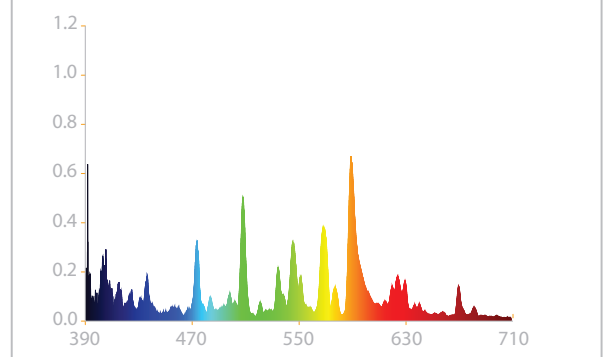
■ WORKS WITH ELECTRONIC AND MAGNETIC MH BALLASTS

■ SUITS SINGLE ENDED FIXTURES

■ IDEAL FOR THE ENTIRE PLANT LIFECYCLE

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	120
MOL - Max Overall Length	281
LCL - Light Centre Length	181
Max Base to Bulb (Degree)	3

SPECTRUM:



WESTERN ELECTRICAL

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GENERAL CHARACTERISTICS

Cap-Base	E40 or E39
Bulb (Size & Material)	T120 - Borosilicate(Hard Glass)
Bulb Finish	Clear
Arc Tube Material	Quartz
Operating Position	BASE UP (BU)
ANSI Designation	M47/E
Max Base Temperature (°C)	210
Max Bulb Temperature (°C)	430
Rated Averaged Life(h)	10,000
Dimmable	YES

PRODUCT DATA

Product Name	1000W/4K BU MH Hydroponic Lamp
Manufacturer Code	MH1000 / BU / BT120 / E40 / 4K
Lamps Per Carton	6
Certification Marks	CE

ELECTRICAL DATA

NOMINAL VALUE

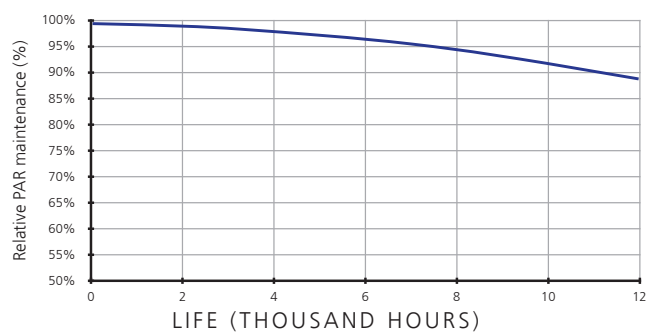
Lamp Rated Wattage (W)	1000
Lamp Operating Voltage (V)	263
Lamp Current (A)	4.1
Ignition Type	Probe-Start
Run-up Time 90% (min)	5 MAX.
Typical Hot Restart Time (min)	15 MAX.
Reference Ballast Characteristics	240V-4.9A-50Hz

LIGHT PARAMETERS

NOMINAL VALUE

Color Rendering Index (%)	64
Color Temperature (K)	4,000
Luminous Flux (Lm)	150,000
Luminous Efficacy (Lm/w)	135
PPF (umol/s)	2,000
PPF Efficacy (umol/s/w)	1.82

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

