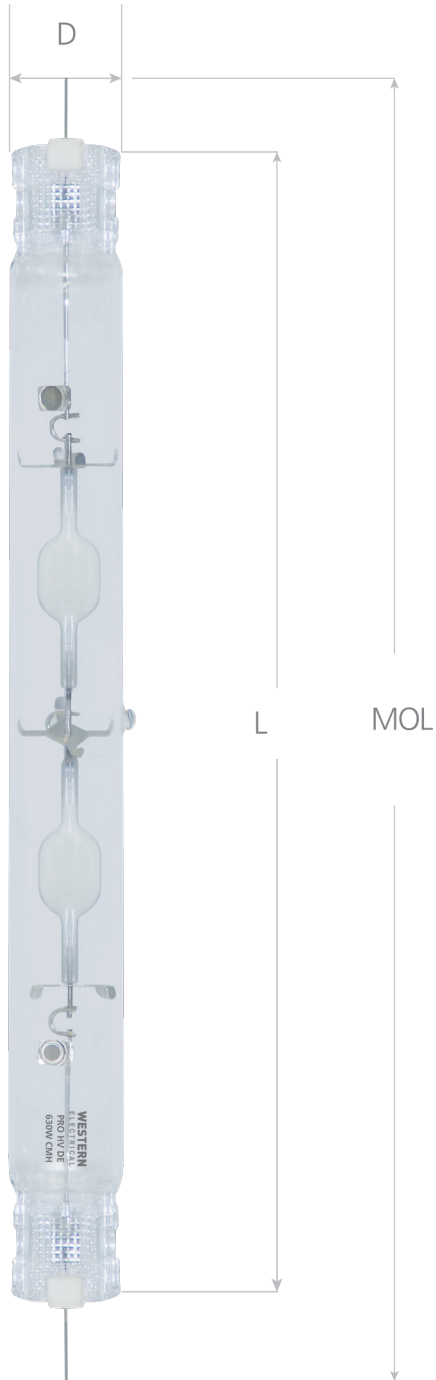


WESTERN ELECTRICAL

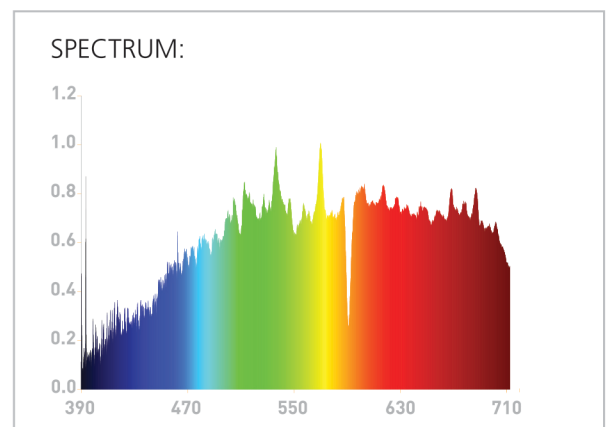
HORTICULTURAL GROW LAMP

630W CMH DE PRO HV



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- THE PRO HV CMH SERIES IS ENGINEERED FOR PROFESSIONAL GROWERS
- MARKET-LEADING FULL SPECTRUM COLOUR RENDITION (CRI)
- WORKS WITH CMH/LEC BALLASTS
- IDEAL FOR THE ENTIRE PLANT LIFECYCLE

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	33
L - Bulb Length	325
MOL - Max Overall Length	395
Max Base to Bulb	3



WESTERN ELECTRICAL

HORTICULTURAL GROW LAMP

630W CMH DE PRO HV

GENERAL CHARACTERISTICS

Cap-Base	DE
Bulb (Size & Material)	T33 - Quartz Glass, L=325mm
Bulb Finish	Clear
Arc Tube Material	Ceramic – 2 x 315W
Operating Position	Horizontal (H)
Max Base Temperature (°C)	250
Max Bulb Temperature (°C)	700
Rated Averaged Life (h)	10,000
Dimmable	YES

PRODUCT DATA

Product Name	630W CMH HV DE Hydroponic Lamp
Manufacturer Code	CMH 630 / H / T33 / DE / PRO HV
Lamps Per Carton	6
Certification Marks	CE Compliance

ELECTRICAL DATA

NOMINAL VALUE

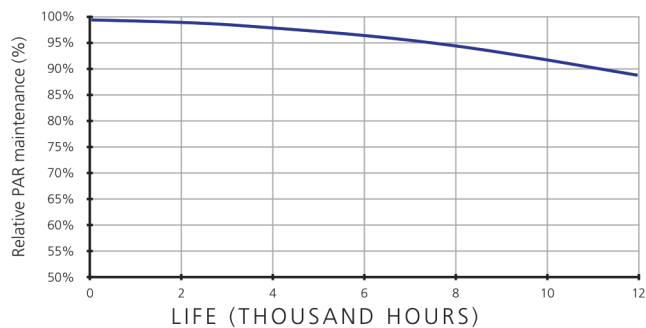
Lamp Rated Wattage (W)	630
Lamp Operating Voltage (V)	200
Lamp Current (A)	3
Ignition Type	Pulse-start
Ignition Voltage (kV)	5.5
Ignition Time (s)	5
Run-up Time 90% (min)	8
Typical Hot Restart Time (min)	10
Reference Ballast Characteristics	240V-2.8A-50Hz

LIGHT PARAMETERS

NOMINAL VALUE

Color Rendering Index (%)	95
Color Temperature (K)	4,200
Luminous Flux (Lm)	70,000
Luminous Efficacy (Lm/w)	106
PPF (umol/s)	1,130
PPF Efficacy (umol/s/w)	1.79

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

