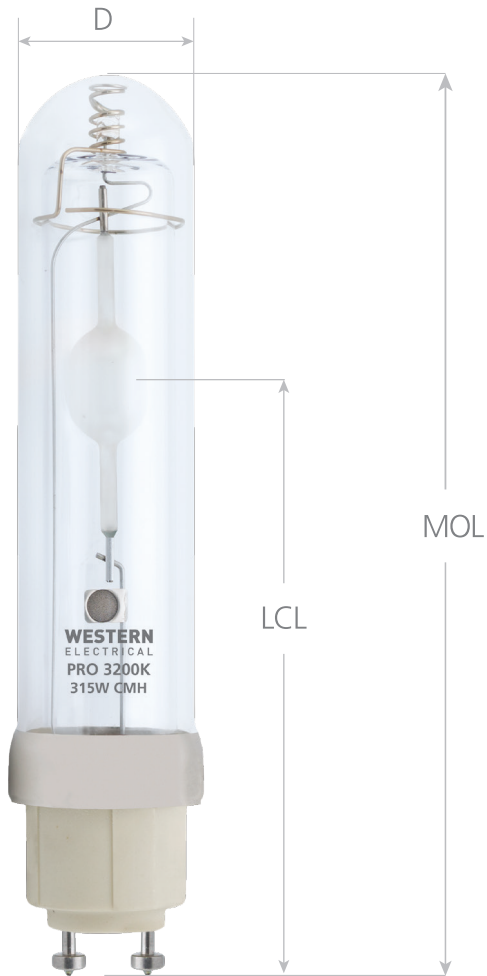


# WESTERN ELECTRICAL

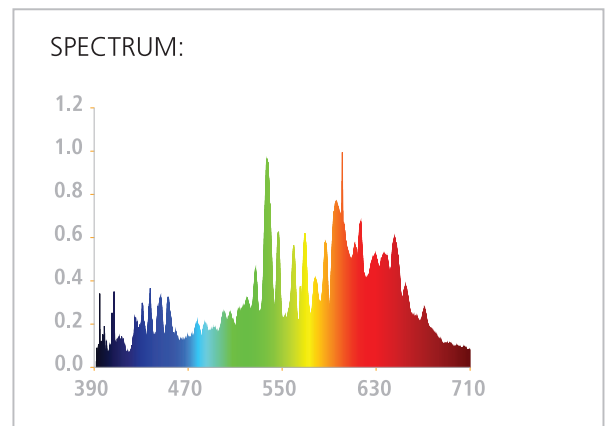
HORTICULTURAL GROW LAMP

315W CMH PRO 3200K



- DELIVERS SUPERIOR PERFORMANCE FOR HORTICULTURAL APPLICATIONS
- THE PRO CMH SERIES IS ENGINEERED FOR PROFESSIONAL GROWERS
- MARKET-LEADING COLOUR RENDITION (CRI)
- WORKS WITH CMH/LEC BALLASTS
- RECOMMENDED FOR FLOWERING AND IDEAL FOR VEGETATIVE GROWTH

DIMENSIONS (mm)	NOMINAL VALUE
D - Bulb Diameter	38
MOL - Max Overall Length	193
LCL - Light Centre Length	90



# WESTERN ELECTRICAL

## HORTICULTURAL GROW LAMP

315W CMH PRO 3200K

### GENERAL CHARACTERISTICS

Cap-Base	PGZ18
Bulb (Size & Material)	T38+T28 - Borosilicate (Hard Glass)
Bulb Finish	Clear
Arc Tube Material	Ceramic
Operating Position	Horizontal $\pm 45^\circ$
ANSI Designation	C182/O
Max Base Temperature ( $^\circ\text{C}$ )	250
Max Bulb Temperature ( $^\circ\text{C}$ )	350
Rated Average life (h)	15,000
Dimmable	YES

### PRODUCT DATA

Product Name	315W CMH 3.2K Ex Hydroponic Lamp
Manufacturer Code	CMH315 / H / T38 / PGZ18 / 3.2K / PRO
Lamps Per Carton	12
Certification Marks	CE / ISO9001

### ELECTRICAL DATA

#### NOMINAL VALUE

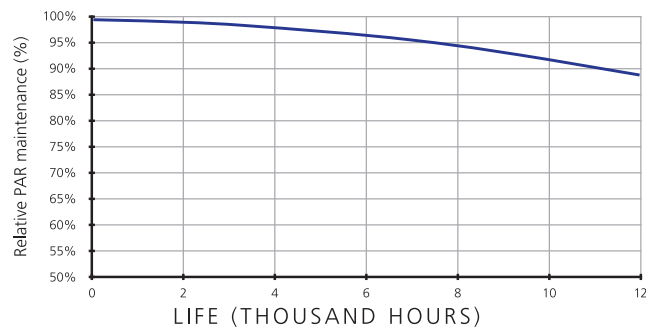
Lamp Rated Wattage (W)	315
Lamp Operating Voltage (V)	110
Lamp Current (A)	3.4
Ignition Type	Pulse-start
Ignition Voltage (kV)	4.5~5
Run-up Time 90% (min)	8
Typical Hot Restart Time (min)	8 MAX.
Reference Ballast Characteristics	315W-240V-1.5A-50Hz

### LIGHT PARAMETERS

#### NOMINAL VALUE

Color Rendering Index (%)	87
Color Temperature (K)	3,200
Luminous Flux (Lm)	34,500
Luminous Efficacy (Lm/w)	110
PPF ( $\mu\text{mol/s}$ )	550
PPF Efficacy ( $\mu\text{mol/s/w}$ )	1.72

TYPICAL PAR MAINTENANCE



TYPICAL LUMEN MAINTENANCE

