

Name: Metal Halide Lamp

Elektrox SUPER GROW MH 250 W / E40

Performance Data

Light Output (Lumens100Hrs)	18000
Lamp Lumens Per Watt	72
Mean Output (Lumens)	15300
Rated Life (Hrs. 10 Hr.1Strat)	15000
Color Temperature (k)	DL
Chromaticity (CIE-x/y)	0.34,0.34
Color Rendering Index (CRI)	65
To 90% Warm Up Time (Minute)	3-5
Hot Restart Time (Minute)	5-10
Burning Position	HORIZONTAL ± 15°

Physical Data/ Requirements

Base Designation	MOGUL (E40)
Bulb Designation	TO46
Bulb Diameter mm	Φ 63.5Max
Max Overall Length (MOL) mm	285Max
Light Center Length (LCL) mm	175 ± 5
Effective Arc Length	28
Max Base Temperature(°C)	250°C
Max Bulb Temperature(°C)	400°C
Luminaire type	CLOSED
Socket Pulse Rating (V)	3500-4500V
Socket Style	MOGUL

Electrical Data/ Requirement

Lamp Wattage (W)	250W
Operating Voltage (V)	120V
Operating Current (Amps)	2.15A
Min. Open Circuit Voltage (RMS)	210V
Min Max Starting Pulse (Peak v)	3500-4500V

Warning:

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used.