

Product Code: MHEU/0019-MHEU/0020

Description: MH70W/G12/UVS/4k-MH150W/G12/UVS/4k

Product Name: Standard Metal Halide Lamps

Technical Performance Data Sheet

MHEU/0019:MH70W/G12/UVS/4k

Light Output (Lumens/100Hrs)	5600/13000
Lamp Lumens Per Watt	80/86
Mean Output (Lumens)	4800/11000
Rated Life (Hours)	10000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.380,0.377
Color Rendering Index (CRI)	65
To 90% Warm Up Time (Minute)	1 to 2 Minutes
Hot Restart Time (Minute)	2 to 4 Minutes
Burning Position	UNIVERSAL



Physical Data/ Requirements

Base Designation	G12
Bulb Designation	Tubular UV-STOP
Bulb Diameter mm	23±1mm
Max Overall Length (MOL) mm	90mm/100mm
Light Center Length (LCL) mm	56±2mm

MHEU/0020:MH150W/G12/UVS/4k

Effective Arc Length	8.5mm/19.5mm
Max Base Temperature	280°C
Max Bulb Temperature	490°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3500-4500V



Electrical Data/ Requirement

Lamp Wattage (W)	70W/150W
Operating Voltage (V)	85V/95V
Operating Current (Amps)	0.98A/1.80A
Min. Open Circuit Voltage (RMS)	210V
Min Max Starting Pulse (Peak v)	3500-4500V
Min Pulse Width (u sec)	1
Min Pulse Rate Per 1/2 Cycle	1
Pulse Position(Min.% OCV Peak)	60° ~ 90°
Revision :	17/09/2012

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, *This is for reference, not the absolute standard.