

**Product Code: MHEU/0025-MHEU/0026**

**Description: MHDE150W/UVS/14K/R7S/Aquarium Lamp-MHDE250W/UVS/5K/FC2**

**Product Name: Standard Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHEU/0025:MHDE150W/UVS/14K/R7S/Aquarium Lamp**

Light Output (Lumens/100Hrs)	6800/18000
Lamp Lumens Per Watt	40/72
Mean Output (Lumens)	10200/10700
Rated Life ( Hours )	10000
Color Temperature (k)	14000K/5000K
Chromaticity (CIE-x/y)	NA
Color Rendering Index (CRI)	75/70
To 90% Warm Up Time (Minute)	1 to 2 Minutes/ 2 to 4 Minutes
Hot Restart Time (Minute)	3 to 5 Minutes/ 10 to 12 Minutes
Burning Position	HORIZONTAL



**Physical Data/ Requirements**

Base Designation	R7S
Bulb Designation	Tubular UV-STOP
Bulb Diameter mm	23±1mm/25±1mm
Max Overall Length (MOL) mm	135.4mm/163mm
Light Center Length (LCL) mm	66±3mm/81.5±3

**MHEU/0026:MHDE250W/UVS/5K/FC2**

Effective Arc Length	19.5mm/28mm
Max Base Temperature	280°C/300°C
Max Bulb Temperature	490°C/600°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3500-4500V

**Electrical Data/ Requirement**

Lamp Wattage (W)	150W/250W
Operating Voltage (V)	95V/100V
Operating Current (Amps)	1.80A/3.0A
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.