

**Product Code: MHEU/0040**

**Description: MH1000W/TT76/4K/E40/HPI**

**Product Name: Standard Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHEU/0040:MH1000W/TT76/4K/E40/HPI**

Light Output (Lumens/100Hrs)	85000
Lamp Lumens Per Watt	85
Mean Output (Lumens)	68000
Rated Life ( Hours )	8000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.340, 0.340
Color Rendering Index (CRI)	60
To 90% Warm Up Time (Minute)	3-5
Hot Restart Time (Minute)	10-15
Burning Position	Universal



**Physical Data/ Requirements**

Base Designation	E40
Bulb Designation	TT76
Bulb Diameter mm	φ 76
Max Overall Length (MOL) mm	340
Light Center Length (LCL) mm	220 ± 5
Effective Arc Length	83
Max Base Temperature	250°C
Max Bulb Temperature	400°C
Luminaire type	CLOSED
Socket Pulse Rating (V)	4000-6000V

**Electrical Data/ Requirement**

Lamp Wattage (W)	1000W
Operating Voltage (V)	130V
Operating Current (Amps)	8.25A
Min. Open Circuit Voltage (RMS)	210V
Min Max Starting Pulse (Peak v)	4000-6000V
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.