

**Product Code: MHEU/0034-MHEU/0035**

**Description: MH250W/ED90/C/U/4K/E40/Europe-MH400W/ED120/C/U/4K/E40/Europe**

**Product Name: Standard Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHEU/0034:MH250W/ED90/C/U/4K/E40**

Light Output (Lumens/100Hrs)	21000/34200
Lamp Lumens Per Watt	84/86
Mean Output (Lumens)	17000/29500
Rated Life ( Hours )	15000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.395,0.390
Color Rendering Index (CRI)	65
To 90% Warm Up Time (Minute)	3 to 5 Minutes
Hot Restart Time (Minute)	5 to 10 Minutes
Burning Position	UNIVERSAL



**Physical Data/ Requirements**

Base Designation	E40
Bulb Designation	ED90/ED120
Bulb Diameter mm	90mm/120mm
Max Overall Length (MOL) mm	227mm/292mm
Light Center Length (LCL) mm	148±5/mm/178±5mm
Effective Arc Length	33.5mm/39mm
Max Base Temperature	210°C
Max Bulb Temperature	480°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3500-4500V

**MHEU/0035:MH400W/ED120/C/U/4K/E40**



**Electrical Data/ Requirement**

Lamp Wattage (W)	250W/400W
Operating Voltage (V)	130V
Operating Current (Amps)	2.15A/3.25A
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.