

Product Code:MHPS/0009-MHPS/0003

MP350W/ED90/PS/C/U/4K/EX39/Coated/US Standard/MP400W/ED90/PS/U/4K/EX39/Clear/US Standard

Product Name: Protected and Pulse Start Metal Halide Lamps

Technical Performance Data Sheet

MP350W/ED90/PS/C/U/4K/EX39/Coated/US Standard

Light Output (Lumens100Hrs) (Base Up Burning)	32000/42000
Light Output (Lumens100Hrs) (Horizontal Burning)	28480/37380
Lamp Lumens Per Watt (Base Up Burning)	91/103
Lamp Lumens Per Watt (Horizontal Burning)	81/93
Mean Output (Lumens) (Base Up Burning)	27000/34800
Mean Output (Lumens) (Horizontal Burning)	24030/30970
Rated Life (Hours)	20000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.385,0.390/
Color Rendering Index (CRI)	70
To 90% Warm Up Time (Minute)	2 to 3 Minutes
Hot Restart Time (Minute)	5 to 8 Minutes
Burning Position	UNIVERSAL



Physical Data/ Requirements

Base Designation	EX39
Bulb Designation	ED90mm
Bulb Diameter mm	Φ90
Max Overall Length (MOL) mm	211/mm
Light Center Length (LCL) mm	127 ±/5mm
Effective Arc Length	NA
Max Base Temperature	210°C
Max Bulb Temperature	450°C
Luminaire type	OPEN
Socket Pulse Rating (V)	3000-4000V

MP400W/ED90/PS/U/4K/EX39/Clear/US Standard



Electrical Data/ Requirement

Lamp Wattage (W)	350W/400W
Operating Voltage (V)	135V
Operating Current (Amps)	2.80A/3.25A
Min. Open Circuit Voltage (RMS)	310V
Min Max Starting Pulse (Peak v)	3000-4000V
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.