



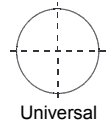
Product Specification Bulletin

400 Watt

REDUCED OUTER JACKET

Clear - 10K

Mogul - Enclosed Luminaire



MH 400W/U/ED28/10K	Product Number	27540
Lamp Type	SINGLE ENDED METAL HALIDE	
ANSI Designation	M59/E	

Performance Data

Light Output (Lumens @ 100 Hrs.)	-
Lamp Lumens Per Watt	135
Mean Output (Lumens)	-
Rated Life (Hrs. @ 10 Hr. / Start)	8000 V / 6000 H
Correlated Color Temperature K	10000
Chromaticity (CIE -X,Y)	.222 .190
Color Rendering Index (CRI)	65
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	8-12
Burning Position	Universal

Physical Data / Requirements

Base Designation	Mogul (E39)
Bulb Designation	ED28
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	35.4 mm
Max. Base Temperature (°C)	230
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	-
Socket Style	Enclosed Rated E39

Electrical Data / Requirements

Lamp Wattage	400
Operating Voltage (Nominal)	135
Operating Current (Amps)	3.2
Min. Open Circuit Voltage (RMS)	-
Min. -Max. Starting Pulse (Peak V)	-
Min. Pulse Width At 2700 Volts (u sec)	-
Min. Pulse Rate Per 1/2 Cycle	-
Pulse Position (Min. % OCV Peak)	-

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Notes

- ▶ Lamp operates on standard 400 watt (M59) metal halide ballast.
- ▶ Nominal color temperature rating is based on vertical (±15°) operation of the lamp. Off vertical positions will result in higher color temperature.

Lamps

THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

Warning: This lamp can cause skin burn and eye inflammation from shortwave 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. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.