



Product Specification Bulletin

400 Watt

HIGH PERFORMANCE

UNI-FORM®
PULSE START SYSTEM

Featuring UV Shield®

Coated - 4K

Open or Enclosed Luminaire

**HIPE 400W/C/V/UVS/EL/PS/737****Product Number****10041****Lamp Type**

SINGLE ENDED METAL HALIDE

Control Gear

MERCURY BALLAST + IGNITOR

Performance Data

Light Output (Lumens @ 100 Hrs.)	40000
Lamp Lumens Per Watt	100
Rated Life (Hrs. @ 10 Hr. / Start)	30000
Correlated Colour Temperature K	3700
Chromaticity (CIE -X,Y)	.395 .390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	5-8
Burning Position	VERTICAL ± 15°

Physical Data / Requirements

Base Designation	MOGUL (E40)
Bulb Designation	E120
Bulb Diameter	120 mm
Max. Overall Length	296 mm
Light Centre Length	182 mm
Effective Arc Length	N/A
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	OPEN/ENCLOSED
Socket Pulse Rating (KV)	4.5

Electrical Data / Requirements

IEC Standard	-
Lamp Wattage	400
Operating Voltage	135
Operating Current (Amps)	3.2
Min. Open Circuit Voltage (RMS)	198
Min. - Max. Starting Pulse (Peak V)	3000-4500
Min. Pulse Width at 2700 (microseconds)	1
Min. Pulse Rate Per 1/2 Cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

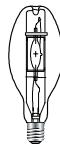
Revision:

02-Nov-11

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Notes:

- These lamps are Type-O (open luminaire) rated and contain shrouded arc tubes.
- UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing.
- Minimum Starting Temperature: -40C

Lamps

Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

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.