

HIE 400W/C/V/PS+S/737

Product Number: 65982
Lamp Type: Pulse Start Sustainability

Performance Data

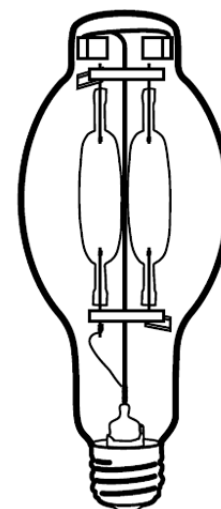
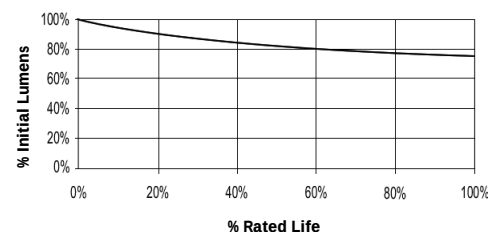
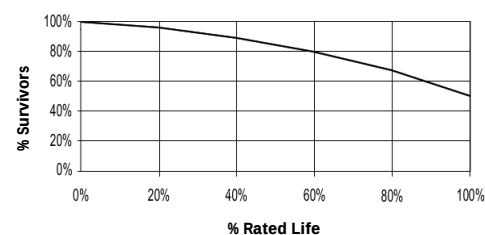
Light Output (Lumens @ 100 hours)	39000
Lamp Lumens Per Watt	98
Rated Life (Hrs. @ 10 Hr. /Start)	40000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395, 390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	4-6
Burning Position	Vertical±15°

Physical Data / Requirements

Base Designation	E40
Bulb Designation	BT120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Effective Arc Length (mm)	n/a
Max. Base Temperature (°C)	230
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	88.0

Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	400
Lamp Operating Voltage (V)	135
Lamp Operating Current (Amps)	3.2
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3000-4500
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270


Lumen Maintenance

Lamp Mortality

Revision: 05.09.12

Notes:

1) This Product Specification contains data about typical performance at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.