

HIPE 450W/C/V/UVS/PS/737

Product Number: 74517

Lamp Type: Uni-Form Pulse Start

Performance Data

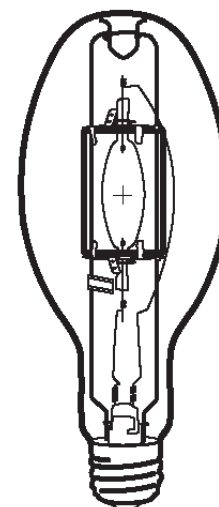
Light Output (Lumens @ 100 hours)	45000
Lamp Lumens Per Watt	100
Rated Life (Hrs. @ 10 Hr. /Start)	30000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395, 390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	5-8
Burning Position	Vertical±15°

Physical Data / Requirements

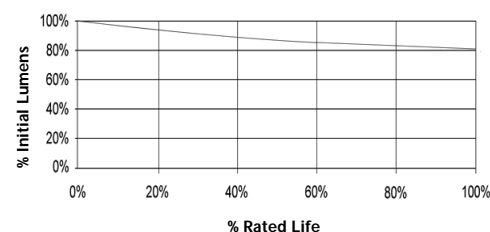
Base Designation	E40
Bulb Designation	E120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Effective Arc Length (mm)	N/A
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	58.0

Lamp Electrical Data / Requirements

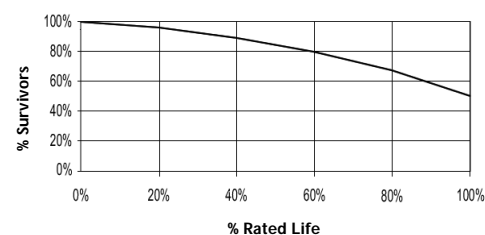
IEC Standard	-
Lamp Wattage (W)	450
Lamp Operating Voltage (V)	135
Lamp Operating Current (Amps)	3.7
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3000-4500
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance



Lamp Mortality



Revision: 16.01.12

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.
- 2) Rated Life is based on operation with Ventronic® or specifically approved electronic ballasts.
- 4) Minimum Operating Temperature: -40°C