

Lamp Current (A): 10.3A
 Ignitor Voltage (Min.): 3.8KV
 Luminaire Rating: Open/Enclosed
 Burning Position: Universal

HPSE.1000W/E40
Product Number: 00049

Lamp Type: HIGH PRESSURE SODIUM

Performance Data

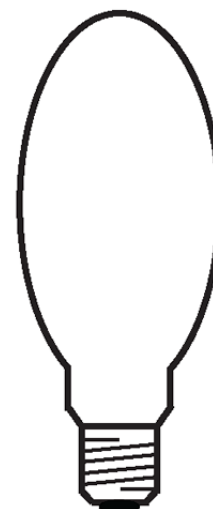
Light Output (Lumens @ 100 hours)	130000
Lamp Lumens Per Watt	130
Rated Life (Hrs. @ 10 Hr. /Start)	24000
Correlated Colour Temperature (K)	2000
Chromaticity (CIE - X Y)	- , -
Colour Rendering Index (CRI) or (Ra)	25
Typical Warm Up Time (Minutes)	6
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal

Physical Data / Requirements

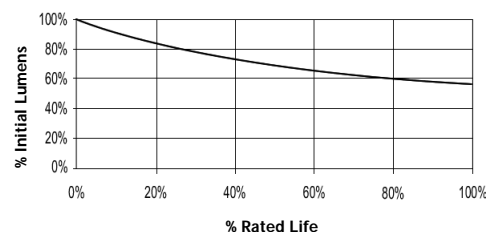
Base Designation	E40
Bulb Designation	-
Bulb Diameter (mm)	168
Max. Overall Length (mm)	372
Light Centre Length (mm)	-
Effective Arc Length (mm)	-
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5
Mercury Content (mg)	12.5

Lamp Electrical Data / Requirements

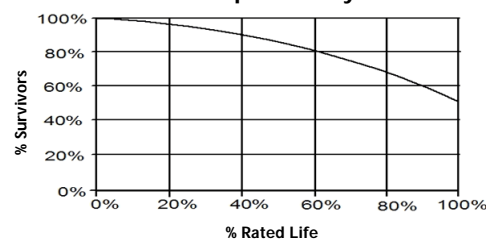
IEC Standard	-
Lamp Wattage (W)	1000
Lamp Operating Voltage (V)	110
Lamp Operating Current (Amps)	10.3
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3800-4500
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance



Lamp Mortality



Revision: 2012-10-16

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) Standard high pressure sodium lamps are suitable for use outside the EU