

Lamp Current (A): 10.3A
 Ignitor Voltage: 3.8-4.5KV
 Luminaire Rating: Open/Enclosed
 Burning Position: Universal

HPST.1000W/E40

Product Number: 00041

Lamp Type: HIGH PRESSURE SODIUM

Control Gear: HPS Ballast + Ignitor

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)	4
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal



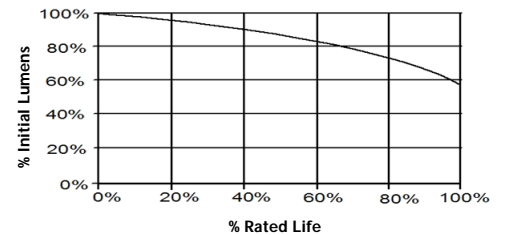
Physical Data / Requirements

Base Designation	E40
Bulb Designation	-
Bulb Diameter (mm)	67
Max. Overall Length (mm)	372
Light Centre Length (mm)	240
Effective Arc Length (mm)	150
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5

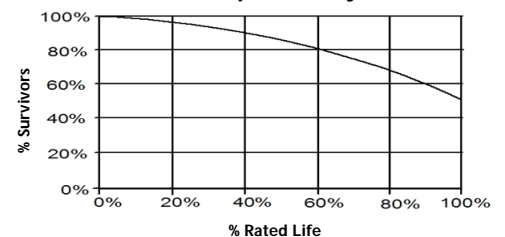
Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	1000
Lamp Operating Voltage (V)	110
Lamp Operating Current (Amps)	10.3
Min. Open Circuit Voltage (RMS)	198
Min. - Max. 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: 28/02/2006

Notes:

The specification contains data about typical performance on 50Hz sine wave ballast at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.