

High Pressure Sodium Lamps

Description: HPST.1000W/E40

Performance Data

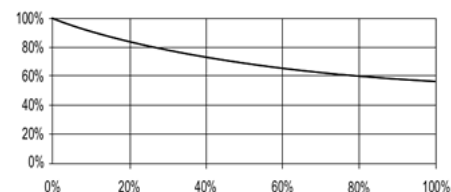
Rated Light Output (Lumens @ 100 hours)	135000
Lamp Lumens per Watt	135
Rated Life (Hrs @ 10Hr./Start)	24000
Correlated Colour Temperature (K)	2000
Colour Rendering Index (CRI) or (Ra)	25
Typical Warm Up Time (Minutes)	4
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal

Physical Data

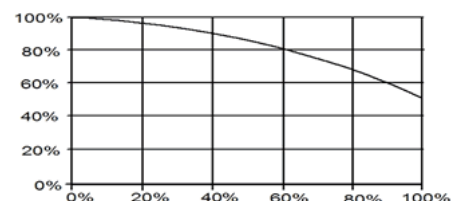
Base Designation	E40
Bulb Diameter (mm)	67
Max. Overall Length (mm)	340
Light Centre Length (mm)	240
Effective Arc Length (mm)	150
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5
Mercury Content (mg)	12.5

Lamp Electrical Data

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



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 25-07-2013

See page 2 for product notes

High Pressure Sodium Lamps

Notes:

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

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.