

## High Pressure Sodium Lamps

Description: HPST.1000W/E40/TWIN

### Performance Data

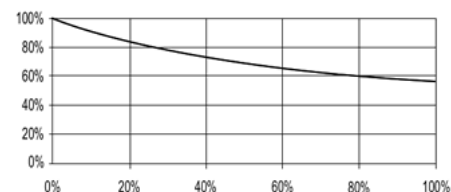
Rated Light Output (Lumens @ 100 hours)	130000
Lamp Lumens per Watt (100hrs)	130
Rated Life (Hrs @ 10Hr./Start)	20000
Correlated Colour Temperature (K)	2000
Colour Rendering Index (CRI) or (Ra)	25
Typical Warm Up Time (Minutes)	4
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal

### Physical Data

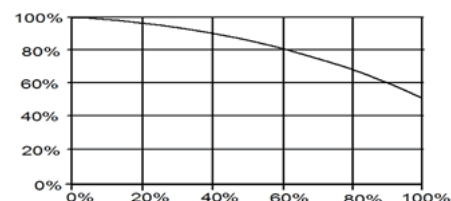
Base Designation	E40
Bulb Diameter (mm)	65
Max. Overall Length (mm)	340
Light Centre Length (mm)	193
Effective Arc Length (mm)	150
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5
Mercury Content (mg)	12.5

### 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)