

Description: HPST.1000W/E40

Performance Data

Rated Light Output (Lumens @ 100 hours)	135000
Lamp Lumens per Watt (100hrs)	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

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
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

