

## High Pressure Sodium Lamps

Description: HPSE 100W/LU/90/E27

### Performance Data

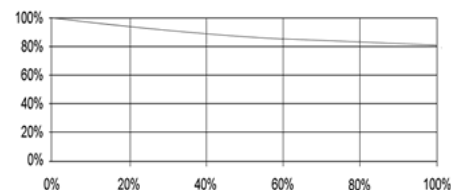
Rated Light Output (Lumens @ 100 hours)	9500
Lamp Lumens per Watt	95
Rated Life (Hrs @ 10Hr./Start)	24000+
Correlated Colour Temperature (K)	1900
Chromaticity (CIE - X Y)	540,420
Colour Rendering Index (CRI) or (Ra)	20
Typical Warm Up Time (Minutes)	5
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal

### Physical Data

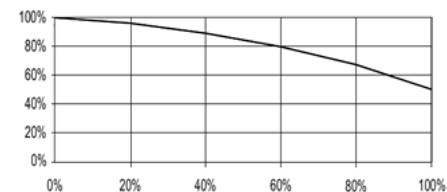
Base Designation	E27
Bulb Designation	ED27
Bulb Diameter (mm)	55
Max. Overall Length (mm)	140
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	350
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	2.8

### Lamp Electrical Data

Nominal Lamp Wattage (W)	100
Lamp Operating Voltage (V)	100
Lamp Operating Current (A)	1.2
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	2500-4500
Min. Pulse Width (Microseconds)	1
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)

### Notes:

This Product Specification contains data about typical performance at nominal power. Actual values may depend on ballast and applications.