

## TECHNICAL PERFORMANCE DATA SHEET

**Product Code:** ST-NG1000

**Description:** HPS1000W/ET75/E40

**Product Name:** High pressure sodium lamp

### Performance Data

Light Output (Lumens/100Hrs)	140000
Lamp Lumens Per Watt	140
Mean Output (Lumens)	119000
Rated Life (Hrs. 10 Hr.1Start)	20000
Color Temperature (k)	2000K
Chromaticity (CIE-x/y)	-----
Color Rendering Index (CRI)	25
To 60%-90% Warm Up Time (Minute)	4
Hot Restart Time (Minute)	3 to 5
Burning Position	Universal

### Physical Data/ Requirements

Base Designation	E40
Bulb Designation	ET75
Bulb Diameter mm	Φ79
Max Overall Length (MOL) mm	383MAX
Light Centre Length (LCL) mm	-----
Effective Arc Length	-----
Max Base Temperature(°C)	210°C
Max Bulb Temperature(°C)	400°C
Luminaire type	ENCLOSED
Socket Pulse Rating (KV)	≥5000V
Socket Style	MOG

### Electrical Data/ Requirement

Lamp Wattage (W)	1000W
Operating Voltage (V)	130V
Operating Current (Amps)	10.3A
Min. Open Circuit Voltage (RMS)	198V
Min Max Starting Pulse (Peak v)	3500-5000V
Min Pulse Width (u sec)	1
Min Pulse Rate Per 1/2 Cycle	1
Pulse Position(Min.% OCV Peak)	60-90°

Revision:

**Warning:** This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer

