

SL.600W.400V.DSP

SUNMASTER®
High Pressure Sodium Lamps

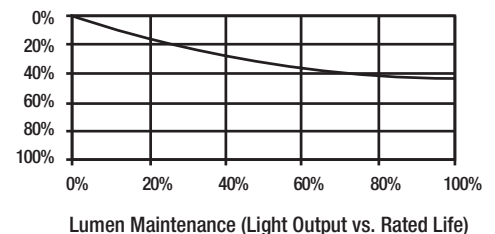
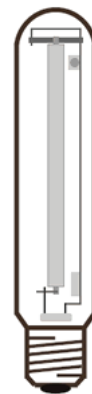
Lamp Type	Sunmaster Grow Lamps
Product Number	10039
Control Gear	HPS Ballast + Ignitor / Electronic

Performance Data

Rated Light Output (Lumens @ 100 hours)	88000
Lamp Lumens per Watt	146
Rated Life (Hrs. @10Hr. /Start)	28000
Correlated Colour Temperature (K)	2000
Chromaticity (CIE - X,Y)	530 425
Colour Rendering Index (CRI) or (Ra)	20
Typical Warm Up Time (Minutes)	5
Typical Hot Restart Time (Minutes)	5
Burning Position	Universal

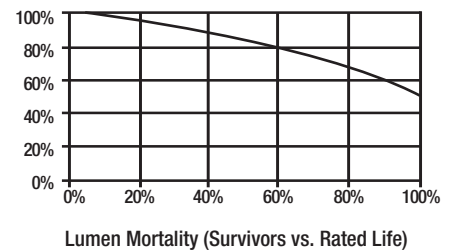
Physical Data

Base Designation	E40
Bulb Designation	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	290
Light Centre Length (mm)	175
Effective Arc Length (mm)	125
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5
Mercury Content (mg)	65



Lamp Electrical Data

Nominal Lamp Wattage (W)	600
Lamp Operating Voltage (V)	200
Lamp Operating Current (A)	3.6
Min. Open Circuit Voltage (RMS)	380
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



Revision: 19.01.2015

Notes

This lamp is only suitable on a high voltage electronic ballast