



PRODUCT SPECIFICATION BULLETIN

SL.1000W.U65.VRD

SUNMASTER®
High Pressure Sodium Lamp
E40 Tubular

Lamp Type	Sunmaster Grow Lamps
Product Number	00011
Control Gear	HPS Ballast + Ignitor

Performance Data

Initial Lumens (Lumens @ 100 hours)	150000
PAR Watts	358
Rated Life (Hrs. @10Hr. /Start)	24000
Correlated Colour Temperature K	2100
Chromaticity (CIE - X,Y)	512 420
Colour Rendering Index (CRI)	22
Typical Warm Up Time (Minutes)	3-4
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal

Physical Data / Requirements

Base Designation	E40
Bulb Designation	T65
Bulb Diameter (mm)	65
Max. Overall Length (mm)	372
Light Centre Length (mm)	222
Effective Arc Length (mm)	230
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	5

Electrical Data / Requirements

Lamp Wattage (W)	1000
Operating Voltage (V)	110
Operating Current (Amps)	10.3
Min. Open Circuit Voltage (RMS)	198
Min.-Max. Starting Pulse (Peak V)	3800-4500
Min. Pulse Width @ 2700 Volts (µ sec)	1
Min. Pulse Rate Per ½ Cycle	1
Pulse Position (Min. % OCV Peak)	60-90 240-270

Revision:

Notes

The specification contains data about typical performance on 50Hz sine wave ballast at nominal power. Actual values may depend on ballast and applications.

Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.