



**LM.600W.U76.CDX**

**SUNMASTER® Cool Deluxe  
Metal Halide Lamp  
E40 Tubular  
HPS Retrofit**

<b>Lamp Type</b>	Sunmaster Grow Lamps
<b>Product Number</b>	33912
<b>Control Gear</b>	HPS Ballast + Ignitor

**Performance Data**

Initial Lumens (Lumens @ 100 hours)	50000
PAR Watts	195
Rated Life (Hrs. @10Hr. /Start)	10000
Correlated Colour Temperature K	6000
Chromaticity (CIE - X,Y)	338 351
Colour Rendering Index (CRI)	65
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	5-10
Burning Position	Universal

**Physical Data / Requirements**

Base Designation	E40
Bulb Designation	T76
Bulb Diameter (mm)	76
Max. Overall Length (mm)	283
Light Centre Length (mm)	175
Effective Arc Length (mm)	64
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	525
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4-5

**Electrical Data / Requirements**

Lamp Wattage (W)	600
Operating Voltage (V)	110
Operating Current (Amps)	6.2
Min. Open Circuit Voltage (RMS)	198
Min.-Max. Starting Pulse (Peak V)	4-5
Min. Pulse Width @ 2700 Volts (µ sec)	2
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.