



LM.1000W.U76.CDX

SUNMASTER® Cool Deluxe
Metal Halide Lamp
E40 Tubular
HPS Retrofit

PRODUCT SPECIFICATION BULLETIN

Lamp Type	Sunmaster Grow Lamps
Product Number	00007
Control Gear	HPS Ballast + Ignitor
Performance Data	
Initial Lumens (Lumens @ 100 hours)	80000
PAR Watts	312
Rated Life (Hrs. @10Hr. /Start)	8000
Correlated Colour Temperature K	7200
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)	340
Light Centre Length (mm)	220
Effective Arc Length (mm)	80
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)	1000
Operating Voltage (V)	120
Operating Current (Amps)	9.5
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.