



LM.250W.U46.CDX

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

Lamp Type	Sunmaster Grow Lamps
Product Number	00235
Control Gear	HPS Ballast + Ignitor

Performance Data

Initial Lumens (Lumens @ 100 hours)	19000
PAR Watts	77
Rated Life (Hrs. @10Hr. /Start)	7500
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	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	225
Light Centre Length (mm)	146
Effective Arc Length (mm)	30
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4-5

Electrical Data / Requirements

Lamp Wattage (W)	250
Operating Voltage (V)	95
Operating Current (Amps)	3.1
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.