



LM.400W.U46.CDX

SUNMASTER® Cool Deluxe
Metal Halide Lamp
E40 Tubular
HPS Retrofit

PRODUCT SPECIFICATION BULLETIN

Lamp Type	Sunmaster Grow Lamps
Product Number	25864
Control Gear	HPS Ballast + Ignitor
Performance Data	
Initial Lumens (Lumens @ 100 hours)	32000
PAR Watts	130
Rated Life (Hrs. @10Hr. /Start)	12000
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)	285
Light Centre Length (mm)	175
Effective Arc Length (mm)	35
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	500
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4-5

Electrical Data / Requirements

Lamp Wattage (W)	400
Operating Voltage (V)	100
Operating Current (Amps)	4.6
Min. Open Circuit Voltage (RMS)	230
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.