



MHT 600W/VEG

**Cool Deluxe
E40 Tubular
HPS Retrofit**

Lamp Type	SINGLE ENDED METAL HALIDE
Product Number	
ANSI Designation	HPS REACTOR + IGNITOR

Performance Data

Initial Lumens	50000
PAR Watts	195
Rated Life (Hrs. @10 Hr. / Start)	10000 V / 7500 H
Correlated Color Temperature K	6000
Chromaticity (CIE -X,Y)	.338 .351
Color 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	MOGUL (E40)
Bulb Designation	T76
Bulb Diameter	76 mm
Max. Overall Length (MOL)	283 mm
Light Center Length (LCL)	175 mm
Effective Arc Length	64 mm
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	525
Luminaire Type	ENCLOSED
Socket Pulse Rating (KV)	4-5
Socket Style	MOGUL

Electrical Data / Requirements

Lamp Wattage	600
Operating Voltage (Nominal)	110
Operating Current (Amps)	6.2
Min. Open Circuit Voltage (RMS)	230
Min. -Max. Starting Pulse (Peak V)	4-5
Min. Pulse Width At 2700 Volts (u sec)	2
Min. Pulse Rate Per 1/2 Cycle	1
Pulse Position (Min. % OCV Peak)	60-90, 240-270

Revision: 1/25/2005 2515 - 2

Notes

THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

Warning: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.