POLARAM®

Distributed by
Seven International
E: sales@seveninternational.com.au
P: 0458877412

Model: MH2000T10/DE

Lamp Type: Double Ended Metal Halide	



Performance Data	
Initial Lumen Output (100hours)	230,000
Lumens Efficiency (Lm/W)	107
Rated Life @ 5hours per start (Hours)	6000
@ 11hours per start (Hours)	8000
Correlated Colour Temperature Kelvin (K)	4500K
Chromaticity (CIE -X, Y)	X 0.360~ Y 0.365
Colour Rendering Index (Ra)	65
Typical Lamp Warm Up Time (mins) COLD	5 to 10
Typical Lamp Re-Strike Time (mins) HOT	10 to 15
Typical Burning Orientation	Horizontal +/- 15º

Physical Data	
Base Designation	K12s-36 (Cable)
Bulb Finish	Clear
Bulb Designation	T32 (T10 USA)
Bulb Diameter (mm)	32
Maximum OAL excluding cable (mm)	274
Effective Arc Length (mm)	140
Maximum Base Temperature (º Celsius)	350
Maximum Bulb Temperature (º Celsius)	950
Luminaire/Fixture Type	Enclosed
Mercury Content Hg (mg)	220
Lamp Holder Pulse Rating (kV)	6

Electrical Data/Requirements	
Control Gear	Reactor/Igniter
Standards IEC/ANSI	-
Lamp Nominal Wattage (W)	2150
Lamp Operating Voltage (V)	220
Lamp Operating Current (A)	10.3
Minimum Open Circuit Voltage (RMS)	342
Minimum-Maximum Starting Pulse (Peak V)	4000-6000
Minimum Pulse Width @ 3600 micro-sec	1.3
Minimum Pulse Rate Per 1/2 Cycle Pulse	1
Position (Electrical Input Degrees)	60-90, 240-270

Warnings

The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation. This lamp can cause skin burns and eye inflammation from shortwave ultraviolet radiation. If outer envelope of lamp is broken or punctured, switch power off immediately, allow lamp to cool, then replace. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used.