POLARAM®

Distributed by
Seven International
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Model : MH2000T8/DE

Lamp Type: Double Ended Metal Halide	



Performance Data	
Initial Lumen Output (100hours)	200,000
Lumens Efficiency (Lm/W)	100
Rated Life @ 4hours per start (Hours)	4000
Correlated Colour Temperature Kelvin (K)	4200K
Chromaticity (CIE -X, Y)	X 0.375~ Y 0.370
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	RSC (R7s)
Bulb Finish	Clear
Bulb Designation	T25 (T8 USA)
Bulb Diameter (mm)	25
Maximum OAL (mm)	274
Effective Arc Length (mm)	169
Maximum Base Temperature (º Celsius)	350
Maximum Bulb Temperature (º Celsius)	850
Luminaire/Fixture Type	Enclosed
Mercury Content Hg (mg)	87
Lamp Holder Pulse Rating (kV)	6

Electrical Data/Requirements	
Control Gear	Reactor/Igniter
Standards IEC/ANSI	-
Lamp Nominal Wattage (W)	2000
Lamp Operating Voltage (V)	250
Lamp Operating Current (A)	8.5
Minimum Open Circuit Voltage (RMS)	342
Minimum-Maximum Starting Pulse (Peak V)	5000-6000
Minimum Pulse Width @ 3200 micro-sec	1
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.