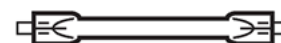


## High Wattage Metal Halide Lamps

Description: MBIL S 2000W

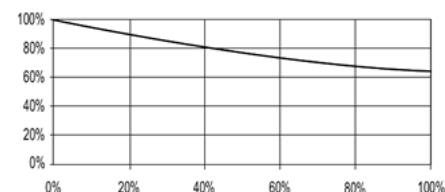
### Performance Data

Rated Light Output (Lumens @ 100 hours)	215000
Lamp Lumens per Watt (100hrs)	100
Rated Life (Hrs @ 10Hr./Start)	6000
Correlated Colour Temperature (K)	5200
Chromaticity (CIE - X Y)	340,360
Colour Rendering Index (CRI) or (Ra)	65
Typical Warm Up Time (Minutes)	10
Typical Hot Restart Time (Minutes)	15
Burning Position	Horizontal $\pm 15^\circ$
S/P (Multiplier)	2.1
Energy Rating (ErP)	A+ 2200 kWh/1000h

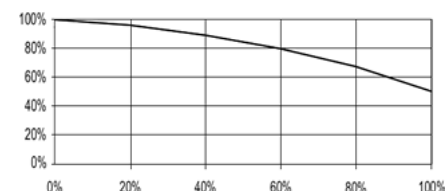


### Physical Data

Base Designation	Special-Contact
Bulb Designation	T25
Bulb Diameter (mm)	25
Max. Overall Length (mm)	311
Effective Arc Length (mm)	188
Max. Base Temperature ( $^\circ\text{C}$ )	350
Max. Bulb Temperature ( $^\circ\text{C}$ )	850
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	6
Mercury Content (mg)	87.0



Lumen Maintenance (Light Output vs. Rated Life)



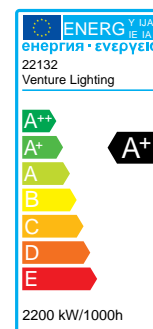
Lamp Mortality (Survivors vs. Rated Life)

### Lamp Electrical Data

Nominal Lamp Wattage (W)	2150
Lamp Operating Voltage (V)	230
Lamp Operating Current (A)	10.3
Min. Open Circuit Voltage (RMS)	342
Min. Starting Pulse (Peak V)	4000-6000
Min. Pulse Width (Microseconds)	1.3 @3600V
Min. Pulse Rate Per $\frac{1}{2}$ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

Revision: 30-08-2012

\*\*See page 2 for product notes\*\*



## High Wattage Metal Halide Lamps

### Notes:

This Product Specification contains data about typical performance at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.