



Product Specification Bulletin

2000 Watt

HIGH WATT DOUBLE ENDED

Frosted - 5K
Linear Metal Halide



Horizontal ± 15°

MBIL S 2000W **Product Number** **22132**

Lamp Type DOUBLE ENDED METAL HALIDE

Control Gear REACTOR/IGNITOR

Performance Data

<i>Light Output (Lumens @ 100 Hrs.)</i>	215000
<i>Lamp Lumens Per Watt</i>	100
<i>Rated Life (Hrs. @ 4 Hr. / Start)</i>	6000
<i>Correlated Colour Temperature K</i>	5200
<i>Chromaticity (CIE -X, Y)</i>	.340 .360
<i>Colour Rendering Index (CRI) or (Ra)</i>	65
<i>Typical Warm Up Time (Minutes)</i>	10
<i>Typical Hot Restart Time (Minutes)</i>	15
<i>Burning Position</i>	Horizontal ± 15°

Physical Data / Requirements

<i>Base Designation</i>	Special*
<i>Bulb Designation</i>	T25 (T8 USA)
<i>Bulb Diameter</i>	25 mm
<i>Insertion Length</i>	311 mm
<i>Contact to Contact Length</i>	N/A
<i>Effective Arc Length</i>	188 mm
<i>Max. Base Temperature (°C)</i>	350
<i>Max. Bulb Temperature (°C)</i>	850
<i>Luminaire Type</i>	Enclosed Rated
<i>Socket Pulse Rating (KV)</i>	6

Electrical Data / Requirements

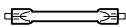
<i>IEC Standard</i>	-
<i>Lamp Wattage</i>	2150
<i>Operating Voltage</i>	230
<i>Operating Current (Amps)</i>	10.3
<i>Min. Open Circuit Voltage (RMS)</i>	342
<i>Min.- Max. Starting Pulse (Peak V)</i>	4000-6000
<i>Min. Pulse Width at 3600 (microseconds)</i>	1.3
<i>Min. Pulse Rate Per 1/2 Cycle</i>	1
<i>Pulse Position (Electrical Degrees)</i>	60-90, 240-270

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Notes:

- ▶ Lamp is approved for use on a ballast meeting the requirements of ANSI M134.
- ▶ The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation.
- ▶ *Contact fixture manufacturer for socket information

Lamps



Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

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.