# Product Specification Bulletin

**1500 Watt**  
**HIGH WATT DOUBLE ENDED**

**Frosted- 5K**  
**Linear Metal Halide**  
**Horizontal ± 15°**

<table>
<thead>
<tr>
<th>MBIL S 1500W</th>
<th>Product Number</th>
<th>22151</th>
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</thead>
<tbody>
<tr>
<td><strong>Lamp Type</strong></td>
<td>DOUBLE ENDED METAL HALIDE</td>
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<tr>
<td><strong>Control Gear</strong></td>
<td>REACTOR/IGNITOR</td>
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</table>

## Performance Data

- **Light Output (Lumens @ 100 Hrs.)**: 130000
- **Lamp Lumens Per Watt**: 87
- **Rated Life (Hrs. @ 4 Hr. / 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)**: 2-4
- **Typical Hot Restart Time (Minutes)**: 5-10
- **Burning Position**: Horizontal ± 15°

## Physical Data / Requirements

- **Base Designation**: RSC (Rx7s)
- **Bulb Designation**: T20 (T7 USA)
- **Bulb Diameter**: 20 mm
- **Insertion Length**: 256 mm
- **Contact to Contact Length**: N/A
- **Effective Arc Length**: 166 mm
- **Max. Base Temperature (°C)**: 350
- **Max. Bulb Temperature (°C)**: 850
- **Luminaire Type**: Enclosed Rated
- **Socket Pulse Rating (KV)**: 6

## Electrical Data / Requirements

- **IEC Standard**: -
- **Lamp Wattage**: 1500
- **Operating Voltage**: 250
- **Operating Current (Amps)**: 6.7
- **Min. Open Circuit Voltage (RMS)**: 342
- **Min.- Max. Starting Pulse (Peak V)**: 4000-6000
- **Min. Pulse Width at 3600 (microseconds)**: 1.3
- **Min. Pulse Rate Per 1/2 Cycle**: 1
- **Pulse Position (Electrical Degrees)**: 60-90, 240-270

## Revision:

15-Sep-14  
1187 - 5

## Notes:

- Lamp is approved for use on a ballast meeting the requirements of ANSI M133 (or M48 with BVS043 SIP Ignitor).
- The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation.

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**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.

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7905 Cochran Road  ▼ Glenwillow, Ohio 44139  ▼ 800-451-2606  ▼ 440-248-3510  ▼ Fax 800-451-2605  ▼ www.venturelighting.com