



# Product Specification Bulletin

1000 Watt

HIGH WATT DOUBLE ENDED

Frosted - 5K  
Linear Metal Halide



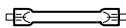
HORIZONTAL ± 15°

<b>MBIL S 1000W</b>	<b>Product Number</b>	<b>22417</b>
<b>Lamp Type</b>	DOUBLE ENDED METAL HALIDE	
<b>Control Gear</b>	REACTOR/IGNITOR	
<b>Performance Data</b>		
<i>Light Output (Lumens @ 100 Hrs.)</i>	80000	
<i>Lamp Lumens Per Watt</i>	80	
<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>	1-2	
<i>Typical Hot Restart Time (Minutes)</i>	5-10	
<i>Burning Position</i>	HORIZONTAL ± 15°	
<b>Physical Data / Requirements</b>		
<i>Base Designation</i>	RSC (Rx7s)	
<i>Bulb Designation</i>	T15 (T5 USA)	
<i>Bulb Diameter</i>	15 mm	
<i>Max. Overall Length</i>	256 mm	
<i>Light Centre Length</i>	N/A	
<i>Effective Arc Length</i>	182 mm	
<i>Max. Base Temperature (°C)</i>	350	
<i>Max. Bulb Temperature (°C)</i>	850	
<i>Luminaire Type</i>	ENCLOSED	
<i>Socket Pulse Rating (KV)</i>	6	
<b>Electrical Data / Requirements</b>		
<i>IEC Standard</i>	-	
<i>Lamp Wattage</i>	1000	
<i>Operating Voltage</i>	250	
<i>Operating Current (Amps)</i>	4.4	
<i>Min. Open Circuit Voltage (RMS)</i>	342	
<i>Min. - Max. Starting Pulse (Peak V)</i>	5000-6000	
<i>Min. Pulse Width at 4500 (microseconds)</i>	1	
<i>Min. Pulse Rate Per 1/2 Cycle</i>	1	
<i>Pulse Position (Electrical Degrees)</i>	60-90, 240-270	
<b>Revision:</b>	12-Nov-04	1188 - 4

## Notes:

- ▶ Within North America, lamp is approved for use on an M141 ballast.
- ▶ The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation.

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.