**RECTIFIER TUBE**

**EL 5B**  
Standard  
RMA type 4B22

**Full-wave Rectifier**  
Graphite Anodes and Argon Gas Filling

<table>
<thead>
<tr>
<th>D-c. Amperes Output (Max. Rated)</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-c. Meter Value -Continuous</td>
<td>6</td>
</tr>
<tr>
<td>D-c. Meter Value -Surges less than 3 sec.</td>
<td>15</td>
</tr>
<tr>
<td>Oscillograph Peak-Continuously recurring</td>
<td>340</td>
</tr>
</tbody>
</table>

**Peak Inverse Volts (Max. Instantaneous)**  
**A-c. Volts per Anode**  
18-120

**Average Arc Drop Volts**  
Highest Tube  
Average Tube

**Filament**  
Volts  
Amperes  
Heating Time  
Approx. 20 secs.

**Starting Volts (Instantaneous)**  
Highest Tube  
Average Tube

**Max. A-c. Short-circuit Current (0.1 sec.)**  
300A

**Overall Dimensions**  
$3\frac{3}{4} \times 8\frac{1}{4} \text{ in.}$  
6 ozs.

**Weight**

**Connections**  
Anode Pins at top for clip connection  
Filament Mogul Screw Socket

**Ambient Temperature Limits**  
-40 to +65°C

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The EL 5B Standard is intended for service where steady output currents up to 5 amperes are desired. It should not be used where the load has large and continuously repeated fluctuations.

It is essential that the filament be lit before applying d-c. load at all loads above 2 amperes or anode voltages above 90 volts per anode. Load and filament heating applied simultaneously at lower currents are permissible but consume tube life.

ELECTRONS, INC. of Delaware  
127 Sussex Avenue  
Newark, N. J.

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