**Engineering Data**

**ENERGIZER NO. IN220**

- **Designation:** Industrial Flashlight
- **Power Source:** Two AA Size Batteries (ANSI/NEDA 15 Series)
- **Lamp:** No. KPR-104 (Rated @ 2.2V, 0.47A)
- **Rated Lamp Life:** 15 Hours
- **Rated Lamp Output:** 6.0 Lumens
- **Weight (w/out batteries):** 56.5 grams (2.0 oz.)

**Dimensions**

<table>
<thead>
<tr>
<th>Millimeters</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.24</td>
<td>1.348</td>
</tr>
<tr>
<td>44.83</td>
<td>1.765</td>
</tr>
<tr>
<td>166.37</td>
<td>6.550</td>
</tr>
</tbody>
</table>
**Components**

- A. Lens Ring: Polycarbonate
- B. Reflector: GPPS
- C. Lamp: KPR-104
- D. Shock Absorber: HDPE
- E. Tube: Polystyrene
- F. Label: PVC
- G. Hydrogen Getter: Aluminum
- H. Bottom Spring: Steel Wire
- I. Contactor: Phos. Bronze
- J. Lamp Contact Spring: Steel Wire
- K. Retainer Ring: GPPS
- L. Contact Shell: Tinned Sheet
- M. Lamp Retainer Spring: Steel Wire
- N. O-Ring: Rubber
- O. Lanyard: Fabric
- P. Cap: HDPE

**Battery Service**

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Battery Type</th>
<th>0.9V (per battery)</th>
<th>Cutoff Voltage</th>
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</thead>
<tbody>
<tr>
<td>470 mA 24 hours / day</td>
<td>EV115</td>
<td>0.7</td>
<td>EN91</td>
</tr>
<tr>
<td>470 mA 24 hours / day</td>
<td>EN91</td>
<td>3</td>
<td></td>
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</tbody>
</table>

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**Important Notice**

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.