**Engineering Data**

**ENERGIZER NO. R450**

**Dimensions**

<table>
<thead>
<tr>
<th>Millimeters</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>78.50</td>
<td>3.091</td>
</tr>
<tr>
<td>91.10</td>
<td>3.587</td>
</tr>
<tr>
<td>107.20</td>
<td>4.220</td>
</tr>
<tr>
<td>224.00</td>
<td>8.819</td>
</tr>
</tbody>
</table>

**Designation:** Work Flashlight  
**Power Source:** Four D Size Batteries (ANSI/NEDA 13 Series)  
**Lamp:** No. KPR-113 (Rated @ 4.8V, 0.75A)  
**Rated Lamp Life:** 20 Hours  
**Rated Lamp Output:** 51 Lumens  
**Weight (w/out batteries):** 556 grams (19.7 oz.)

**Features**

- Heavy Duty Rubber Construction
- Non-Roll Foot Design Provide Non-Rolling Feature
- Bright Krypton Lamp
- Convenient Push Button Switch
- Resist Water, Oil, gasoline, Alcohol and most Chemicals
- Withstands Temperature Extremes
**Components**

A. Plastic Lens Ring  
B. Outer Lens Ring  
C. Lens  
D. Reflector  
E. Lamp  
F. Lamp Retainer  
G. Plastic Case  
H. Outer Case  
I. Stand  
J. Switch Assembly

<table>
<thead>
<tr>
<th>Battery Service</th>
<th>Battery Type</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule</td>
<td>0.9V (per battery)</td>
<td>0.9V (per battery)</td>
</tr>
<tr>
<td>700 mA</td>
<td>hours (ON light time)</td>
<td>hours (ON light time)</td>
</tr>
<tr>
<td>24 hours / day</td>
<td>1250</td>
<td>3.2</td>
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<tr>
<td>700 mA</td>
<td>E95</td>
<td>10.0</td>
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</tbody>
</table>

**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.