



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PRODUCT DATASHEET



## TUF4AAPE

### BRIGHT

- 4 white LEDs provide 35 lumens of light
- Tight white spot



### TOUGH

- Survives a 2-meter drop
- Rugged shatterproof lens



### RELIABLE

- Keeps cost of ownership low with impressive 23-hour run time
- LEDs never need replacing



### WEATHERPROOF

- Meets IEC 60529 IPX4 standards for water resistance
- Ideal for outdoor applications



The Toughest Flashlight You'll Ever Need™ - ideally suited for mid-sized jobs in smaller areas, the Energizer® Hard Case Professional® LED Project Light is easy to hold and pack up. Its bright white spot puts light where you need it most and the shatterproof lens shelters the LEDs. Made from impact resistant ABS plastic with steel sides and a shock absorbing rubber overmold, the light survives a 2-meter drop. It is water resistant, making it ideal for many outdoor applications. Finally, an impressive 23-hour run time keeps cost of ownership low.

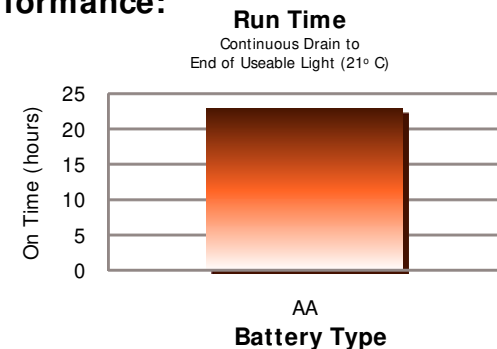


**Before Using Your Flashlight:**  
Please read all instructions and cautionary markings on the package and light

### Product Detail:

<b>Designation:</b>	Energizer Hard Case Professional LED Project Light
<b>Model:</b>	TUF4AAPE
<b>Color:</b>	Black and Dark Grey
<b>Power Source:</b>	Four "AA"
<b>ANSI / NEDA:</b>	15 Series
<b>Lamp:</b>	Four Nichia® LEDs
<b>Lamp Life (hr):</b>	Lifetime
<b>Lamp Output (lumens):</b>	35
<b>Beam Distance (m):</b>	55
<b>Peak Beam Intensity (cd):</b>	850
<b>Run Time (h:mm):</b>	23
<b>Durability:</b>	Survives a 2-meter drop
<b>Typical Weight:</b>	333 grams without batteries
<b>Dimensions (mm):</b>	225 x 76

### Performance:



Tested according to ANSI / NEMA FL 1 Standards.

### Important Notice

This datasheet contains information specific to products manufactured at the time of its publication  
**Contents herein do not constitute a warranty**  
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