



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

## Pro 3 LED Headlight **Energizer**

### HD33A1EN

#### HANDS-FREE

- Light where you need it without having to hold it
- Swivel and tilt adjustment aims light



#### VERSATILE

- Operates in 2 modes – flood and night vision
- Multiple position slide switch



#### ECONOMICAL

- Runs 28 ½ hours on one set of batteries in white flood mode
- LEDs never need replacing



#### BRIGHT

- Provides 30 lumens of light in white flood mode
- Uses premium Nichia® LED technology.



Lightweight, versatile and comfortable, the Energizer® Pro 3 LED Headlight is perfect for work that requires both hands. It puts light where you are looking with its swivel and tilt adjustment.

Variable light sources allow you to choose the best illumination for the job – white flood or night-vision red. Also, this light mounts securely and can be comfortably worn around the head for long periods of time.



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

#### Product Detail:

**Designation:** Energizer  
Pro 3 LED Headlight

**Model:** HD33A1EN

**Color:** Green

**Power Source:** Three "AAA"

**ANSI/NEDA:** Series 24

**Lamp:** Two White LEDs, One Red LED

**Lamp Life (hr):** Lifetime

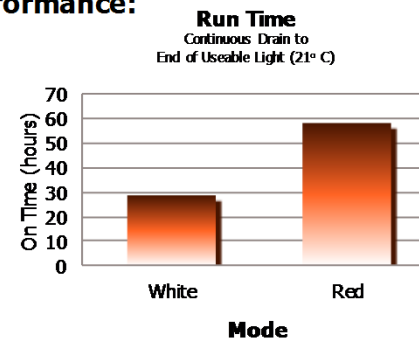
Mode:	White	Red
<b>Lamp Output (lumens):</b>	30	2
<b>Run Time (h:mm):</b>	28:30	58:30
<b>Beam Distance (m):</b>	23	N/A*
<b>Peak Beam Intensity (cd):</b>	132	N/A*

\* Beam Distance and Peak Beam Intensity are not applicable to colored LEDs

**Typical Weight:** 77 grams with batteries

**Dimensions (mm):** 45 x 67 x 40

#### 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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