

## VERSATILE

- 4 modes - high and low white beam, red for night vision, green for inspection work
- Flip up lens diffuses spot to area light



## DURABLE

- Survives 2-meter drop test
- Shatterproof lens



## COMFORTABLE

- Rear mount battery pack distributes weight evenly
- Top strap is removable



## WEATHERPROOF

- Meets IEC 60529 IPX4 standards
- Continues to operate after exposure to splashing water from all directions



# TUFHD31PH

The Toughest Flashlight You'll Ever Need™. The Energizer® Hard Case Professional® LED Headlight is built to take tough conditions on the job while providing a dependable hands-free lighting solution. Four lighting modes are controlled by two easy to operate push button switches. The light pivots to direct the beam where you need it; and the comfortable, adjustable head band stays where you put it, whether on your head or on a hard hat.

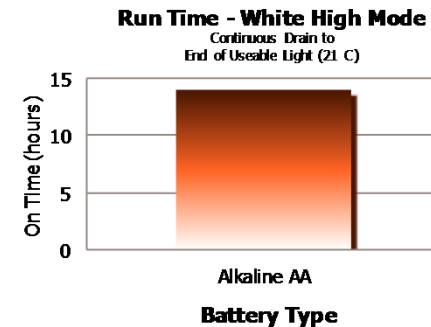


Before Using Your Flashlight:  
Please read all instructions and cautionary markings on the package and light

## Product Detail:

<b>Designation:</b>	Energizer Hard Case Professional LED Headlight
<b>Model:</b>	TUFHD31PH
<b>Color:</b>	Black and Gray
<b>Power Source:</b>	Three "AA"
<b>ANSI/NEDA:</b>	15 Series
<b>Lamp:</b>	One White Cree LED
<b>Additional Lamps:</b>	2 Red and 1 Green LED
<b>Lamp Life (hr):</b>	Lifetime
<b>Lamp Output (lumens):</b>	70 - White LED, high mode
<b>Beam Distance (m):</b>	100 - White LED, high mode
<b>Peak Beam Intensity (cd):</b>	2900 White LED, high mode
<b>Run Time (h:mm):</b>	14, White LED, high mode
<b>Durability:</b>	Survives a 2-meter drop
<b>Typical Weight:</b>	230 grams with alkaline batteries
<b>Dimensions (mm):</b>	Light - 79.2 x 28.7 x 53.8 Battery Pack - 76.2 x 69.9 x 28.7

## 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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