

# Energizer® Vision Ultra HD Headlamp

HDE321

The *Energizer®* Vision Ultra HD Headlamp brings outstanding performance in a compact design. The headlamp shows innovative features as the *Energizer®* Smart Dimming technology that allow to easily control light intensity. In addition to the white LED, this light has green and red LEDs which enhance night vision for outdoors activities such as hunting and fishing. The VisionGuard technology gradually increases the light intensity to prevent a high beam straight in the users' eyes. The low battery indicator, located in the front of the light, will flash when battery is low, warning consumers that it is almost time to change the batteries. With an adjustable head strap, water-resistant design and pivoting head to direct light exactly as needed, *Energizer* continues to deliver innovative lighting solutions.



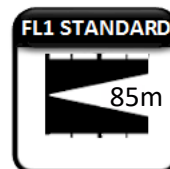
Provides  
450  
Lumens of  
Light



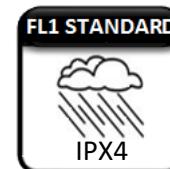
Provides  
Run Time  
of 2  
Hours, 45  
Minutes



Sustains 1  
Meter  
Drop Test



Illuminates  
objects  
85m away



Water Resistant  
IPX4 – works after  
splashing water  
on all sides

## DESIGN BENEFITS

- ✓ *Energizer®* Smart Dimming technology to control light intensity
- ✓ VisionGuard protects vision by gradually increasing light intensity
- ✓ Next Push Off to avoid unnecessary switch cycles
- ✓ Low battery indicator
- ✓ Red and Green LEDs for night vision
- ✓ Water-resistant with shatterproof lens

## LIGHT AND POWER SOURCE

- ✓ Features LED Technology
- ✓ Operates on 3 AAA *Energizer MAX®* (Batteries Included)

## ELECTRICAL CHARACTERISTICS

Electrical Characteristics Nominal Power:  
Power consumption 4.20W / Batteries AAA  
*Energizer E92* 1.5 x 3 = 4.5V dc  
LED Specifications: LED 3.0V cc / 1400 mA

## CERTIFICATES AND COMPLIANCE



EMC, EN62471, FCC



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Tested according to ANSI/NEMA FL1 Standards.

Results based on:

*Energizer MAX*  
Alk / E91

## PERFORMANCE BENEFITS

- ✓ Up to 15X Brighter than Standard LED Technology
- ✓ Long Run Time in High and Low modes
- ✓ 7 modes: High, Low, Wide, Wide Low, Red, Flashing Red, Green

## SPECIFICATIONS

### Weight Excluding Batteries:

53 Grams / 1.9 Ounces

### Dimensions:

59mm x 49mm x 37mm / 2.3" x 1.9" x 1.5"

## NUMBER OF OPERATING MODES: 7

Mode	Lumens	Runtime (h)	Beam Distance (m)
High	450	2:45	85
Low	30	50	20
Wide	--	--	--
Wide Low (dim)	--	--	--
Red	--	--	--
Flashing Red	--	--	--
Green	--	--	--