



Product Image





MARKETING INFORMATION AND CLAIMS

Product Description

The Energizer Vision Ultra HD Rechargeable Headlamp brings outstanding performance in a compact design. The headlamp shows innovative features with its rechargeability (USB Port) and the Energizer Smart Dimming technology which allows for easy control of light intensity. In addition to the white LEDs, this light has green and red LEDs which preserve 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 user's eyes. Includes USB charging cable.

DESIGN FEATURES AND BENEFITS

- ✓ Rechargeable
- ✓ Energizer Smart Dimming technology to control light intensity
- ✓ VisionGuard protects vision by gradually increasing light intensity
- ✓ Red and Green LEDs for night vision
- ✓ Water-resistant with shatterproof lens
- ✓ Pivoting head

PERFORMANCE FEATURES AND BENEFITS

- ✓ Rechargeable – Fully charge in 4 hours*
- ✓ 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
- ✓ Features LED technology
- ✓ Rechargeable lithium-ion non-removable battery



OPERATION

Modes and Features

X	High Spot	X	High Flood (Wide)		Warm Mode	X	Red		Area High
	Medium Spot		Medium Flood (Wide)		Cool Mode	X	Red Flashing		Area Medium
X	Low Spot	X	Low Flood (Wide)		Warm and Cool Together	X	Green		Area Low
	Ultra Low Spot		Emergency Strobe (>5hz see warning copy)				Green Flashing		Nightlight
X	Press and Hold Dimming		Safety Flashing <5Hz				SOS		

OPERATING INSTRUCTIONS

1. Press button with bump to turn on/off.
2. Press 1 time for High (Spot and Wide).
3. Press 2 times for Wide only..
4. Press 3 times for Low (Spot and Wide).
5. Press and hold in any white light mode for dimming. Light will flash at highest and lowest settings. Release to set light level.
6. Press other button for colored modes
7. Press 1 time for Red.
8. Press 2 times for Flashing Red.
9. Press 3 times for Green.
10. After 2 seconds in any mode, next press will be off.

BATTERY CHANGING or CHARGING INSTRUCTIONS

1. Battery is not user replaceable.
2. To charge use included USB cord and plug light into any USB charging port.
3. Light may be used while charging but charging time will be increased. For best charging performance, charge with light turned off.
4. Charging Indicator light is located near charging port.

BATTERY CHARGE INDICATOR

A charge indicating LED is located by the USB port and will illuminate when the USB charging has started.

Red=Charging
Green=Charging complete

Vision Ultra HD Rechargeable Headlamp

HDFRLP



ENGINEERING DATA

ANSI PERFORMANCE DATA

Lumens	Runtime	Beam Distance	Drop	Water Ingress

BATTERY PERFORMANCE

Battery Type	Lithium Ion		
Modes	Lumens (lm)	Runtime (h)	Beam Distance (m)
High	400	4	80
Wide	200	5	30
Low	20	15	25
Red	-	-	-
Flashing Red	-	-	-
Green	-	-	-

PRODUCT SPECIFICATIONS

Weight:	80	grams	2.8	ounces	
Dimensions:	Length		Width		Height
	60	mm	46	mm	39
	2.36	in	1.81	in	1.54
Weight does not include user replaceable batteries (unless specified)					

BATTERY SPECIFICATIONS

Quantity:	1	Size:	103040	User Replaceable?	No
Type:	Rechargeable Lithium Ion				

ELECTRICAL CHARACTERISTICS

Nominal Power Consumption:	3.6 W	
Batteries:	Li ion 1200mAh 103040 3.7V dc	
LED Specifications:	LED 3.0V cc / 1200 mA	
Rechargeable Input Voltage:	5V 0.65	Output Voltage: -
Time to Charge	4 hours	

Contains magnets?	Shatterproof Lens:
No	No
LED CCT	LED CRI
5000K	70
Additional Ingress Protection	Other (Impact Testing, etc)
-	-



Regulatory Information

CERTIFICATES AND COMPLIANCE

Global Certifications

X	EMC EN62471	Global
X	FCC	Tested on all product globally required for USA only.
	ASTM F963 Ages 3+	Global- All products marketed to children

Regional Certifications

	RCM	Australia-Rechargeable products		NOM	Mexico—All Lights		CNS	Taiwan-All rechargeable products
	EAC	EU-Rechargeable products		InMetro	Brazil-AC Plug In Rechargeable		KC Mark	South Korea-All rechargeable products
				UL/S Mark	Argentina-AC Plug In Rechargeable			
				Triman Logo	France—All lights			



REQUIRED REGULATORY INFO

Tested according to ANSI FL1 Standards.

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.

PRODUCT WARNINGS and/or DISCLAIMERS