

Product Image





Product Description

The Energizer HDL40 Waterproof, Dustproof, Multi-colored Headlamp is another innovative headlamp solution within the extensive headlamp line. Featuring bright, durable and energy efficient LED technology (12 X Brighter than Standard LED),, users get a bright, lightweight, hands-free solution with ample run time capability. It is a perfect light for home, work and outdoor activities. With the advanced dimming feature on all light settings, users can control the intensity of light from 100% to 10%. With a comfortable, adjustable head strap, anti-glare design, and pivoting head to direct light exactly as needed, this headlamp is another way *Energizer*® continues to deliver innovative lighting solutions.

DESIGN FEATURES AND BENEFITS

- ✓ Red LED mode allows users to preserve night vision
- ✓ Compact, lightweight design with pivoting head
- ✓ Pivoting head to direct light where needed.
- ✓ Waterproof with shatter proof lens

PERFORMANCE FEATURES AND BENEFITS

- ✓ Waterproof for use in all weather conditions.
- ✓ Dimmable switching on all modes allows users to control light intensity and manage battery life
- ✓ 4 modes to provides versatility to suit your needs
- ✓ Bright, durable, energy-efficient LED technology



Modes and Features

X	High Spot	High Flood (Wide)	Warm Mode	X	Red	Area High
	Medium Spot	Medium Flood (Wide)	Cool Mode	X	Red Flashing	Area Medium
X	Low Spot	Low Flood (Wide)	Warm and Cool Together		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 right switch to turn on in High.
2. Press 2 times for Low.
3. Press and hold in any white light mode for dimming. Light will flash at highest and lowest settings. Release to set light level.
4. Press left button for Red modes.
5. Press 1 time for Red.
6. Press 2 times for Flashing Red.
7. After 2 seconds in any mode, next press will be off.

BATTERY CHANGING or CHARGING INSTRUCTIONS

1. Lift latch to unlock battery door.
2. Open battery door and follow orientation instructions inside battery compartment to replace the batteries.
3. Close and press latch to lock.

BATTERY CHARGE INDICATOR

Energizer HDL40 Headlamp

Y24A32



ANSI PERFORMANCE DATA

Lumens	Runtime	Beam Distance	Drop	Water Ingress

BATTERY PERFORMANCE

Battery Type	ENR Max Alkaline		
Modes	Lumens (lm)	Runtime (h)	Beam Distance (m)
High	500	3	75
Low	80	22	-

PRODUCT SPECIFICATIONS

Weight:	76	grams	2.7	ounces	
Dimensions:	Length		Width		Height
	65.6	mm	47.1	mm	49.3
	2.6	In	1.9	In	1.9

Weight does not include user replaceable batteries (unless specified)

BATTERY SPECIFICATIONS

Quantity:	3	Size:	AAA	User Replaceable?	Yes
Type:	Primary Cylindrical				

ELECTRICAL CHARACTERISTICS

Nominal Power Consumption:	4.65 W
Batteries:	3 AAA Energizer E92 4.5V dc
LED Specifications:	LED 3.0V cc / 1550 mA

Contains magnets?	Shatterproof Lens:
No	Yes
LED CCT	LED CRI
5000K	70
Additional Ingress Protection	Other (Impact Testing, etc)
IP67	---



Regulatory Information

CERTIFICATES AND COMPLIANCE

Global Certifications

X	EMC EN62471 RoHS	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	EAC - Armenia, Belarus, Kazakhstan, Kyrgyzstan-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



Dept	Responsible	Approved for Publication	Date
Marketing	Miranda Phillips	YES	8/18/2022
Engineer	Bill Narpes	YES	8/18/2022
Regulatory	John Hadley	YES	8/18/2022
Legal	Jessica Mendez	Yes	9/01/2022
Substantiation Data	Ruth Sholtis-Furyes	Yes	9/6/2022

Version	Date Published	Published By	Description of Changes
1	9/1/2022	Ruth Sholtis-Furyes	Original Publication--DRAFT
2	9/6/2022	Ruth Sholtis-Furyes	IPX7 confirmed. Removed DRAFT.

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