Energizer HDL50 High CRI Headlamp

Energizer

Product Image





Pro Series

MARKETING INFORMATION AND CLAIMS

Product Description

The Energizer HDL50 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. Featuring patented Digital Focus, users can easily broaden or narrow their field of vision with a simple button press. 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

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

PERFORMANCE FEATURES AND BENEFITS

- \checkmark Waterproof for use in all weather conditions.
- ✓ High CRI for clear color definition
- ✓ Digital Focus allows user to broaden/narrow the light beam
- √ 5 modes provides versatility to suit your needs
- ✓ Bright, durable, energy-efficient LED technology

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

OPERATING INSTRUCTIONS

- 1. Press right switch to turn on in High.
- 2. Press 2 times for Med.
- 3. Press 3 times for Low.
- 4. Digital Focus: Press and hold right button on high or low to adjust the amount of spot and flood. Release to set focus setting.
- 5. Press left button for Green modes.
- 6. Press 1 time for Green.
- 7. Press 2 times for Flashing Green.
- 8. After 2 seconds in any mode, next press will be off.

BATTERY CHANGING or CHARGING INSTRUCTIONS

- 1. Lift latch to unlock battery door.
- 2. Close and press latch to lock.

For AAA:

1. Open battery door and follow orientation instructions inside battery compartment to replace the batteries.

For Battery pack:

- 1. The rechargeable battery can be left in the light or removed.
- 2. To charge use included USB cord and plug battery into any USB charging port. Light must be turned off during charging.

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

	PRODUCT SPECIFICATIONS												
Lumens	Runtime	Beam Distance	Drop Water Ingress		Weight:		76		grams	rams 2.7		ounces	
FL1 STANDARD FL1 STANDARD FL1 STANDARD FL1 STANDARD				Le	Length		Width		Height				
34				and	Dimens	ions:	65.6	mm	47.1	mm	49.3	mm	
500		75m				2.6	In	1.9	In	1.9	in		
LUMENS	LUMENS 2h 2m 1m IP67		Weight does not include user replaceable batteries (unless specified)										
	BATTER	Y PERFORMANO	CE		BATTERY SPECIFICATIONS								
Battery Type	ENR Max	Alkaline			Quantity:	3	Size:	AAA	Po	User	,	Yes	
Modes	Lumens (lm)	Runtime (h)	Beam	Beam Distance (m)				Prin	Replaceable? Primary Cylindrical				
High	500	2	75		Type: Quantity:			93402		User			
Low	90	15		-		1	1 Size		_	olaceable?		Yes	
BATTERY PERFORMANCE						Type: Rechargeable Lithium-Ion Capacity							
Battery Type Lithium Ion							ELECTR	ICAL CH	ARACTERI	STICS			
Modes	Lumens (lm)	Runtime (h)	Beam	Distance (m)	Nominal Po	ower Co	nsumpti	nption: 6.45 W					
High	400	3		75	Batteries:			3 AAA Energizer E92 4.5V dc					
Low	50	15		-	LED Specifi	cations	:	LED 3.0V cc / 2150 mA					
					Rechargeal	ble Inpu	ıt Voltage	: 5VDC	600mA	otput oltage:	ļ	N/A	
					Time to Ch	arge				2.5 hours			
					Cor	ntains n	nagnets?		S	hatterpro	of Lens	:	
					No				Yes				
					LED CCT				LED CRI				
						5000K				90			
						Additional Ingress Protection Other (Impact Testing, etc)					etc)		
						IP67							

Regulatory Information

CERTIFICATES AND COMPLIANCE

	Global Certifications									
X	EMC EN62471 RoHS	Global								
Х	FCC	Tested on all product globally require	ested on all product globally required for USA only.							
	ASTM F963 Ages 3+	Global- All products marketed to child	Global- All products marketed to children							
	Regional Certifications									
Х	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		
X	PSE	Jap-Rechargeable products		UL/S Mark	Argentina-AC Plug In Rechargeable					
				Triman Logo	France—All lights					







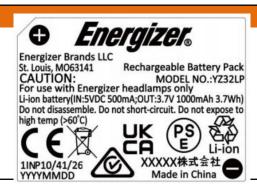
REQUIRED REGULATORY INFO

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

Image shows rechargeable battery pack info



Dept	Responsible	Approved for Publication	Date		
Marketing Miranda Phillips		Yes	8/18/22		
Engineer	Bill Narpes	Yes	8/18/22		
Regulatory	John Hadley	Yes	8/18/22		
Legal	Jessica Mendez	Yes	2/7/2023		
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Versio n	Date Published	Published By	Description of Changes
1	9/1/2022	Ruth Sholtis-Furyes	Original PublicationDRAFT
2	9/6/2022	Ruth Sholtis-Furyes	IPX7 is final. Still DRAFT for Lithium Claims.
3	12/15/2022	Ruth Sholtis-Furyes	Still DRAFTAdded image for ProSeries Version.
4	2/7/2023	Ruth Sholtis-Furyes	Lithium Claims added. Removed from Draft.