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Coast HP3R

Coast HP3R Rechargeable Penlight Instruction Manual

INTRODUCTION

The Coast HP3R Penlight is a high-performance illumination tool designed for versatility and durability. It features a Flex Charge Dual Power system, allowing it to operate efficiently with either a rechargeable lithium battery or standard alkaline batteries. The integrated USB-C port provides convenient recharging of the lithium battery directly within the device. With adjustable high and low light modes and a rotating focus mechanism, this penlight offers adaptable illumination for various tasks. The HP3R Penlight is engineered to be shock-resistant and weather-resistant, featuring a robust LED. It is tested and rated to ANSI FL1 standards, ensuring reliable performance. This manual provides detailed instructions for its setup, operation, and maintenance.



A black Coast HP3R rechargeable penlight, featuring a textured grip, a pocket clip, and a red accent ring near the tail cap.

SETUP

1. Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that the following items are included:

- Coast HP3R Penlight
- Coast Zithion-X Rechargeable Battery (ZX320)
- AAA Alkaline Batteries (2x)
- USB Charging Cable
- Bite Caps (3x)

BITE CAP

COMES WITH 3 REMOVABLE BITE CAPS



An image displaying all components included with the Coast HP3R penlight: the penlight itself, a rechargeable Zithion-X battery, two AAA alkaline batteries, a USB charging cable, and three bite caps.

2. Battery Installation

The HP3R Penlight can operate with either the included rechargeable lithium battery or two AAA alkaline batteries. To install batteries:

1. Unscrew the tail cap of the penlight.
2. **For Rechargeable Battery:** Insert the Coast Zithion-X rechargeable battery with the positive (+) end facing towards the head of the flashlight.
3. **For Alkaline Batteries:** Insert two AAA alkaline batteries into the included battery cartridge, ensuring correct polarity. Then insert the cartridge into the penlight with the positive (+) end facing towards the head.
4. Screw the tail cap back on securely.

DURABLE CONSTRUCTION

STORM PROOF ALUMINUM BODY



 **IP54**

An illustration explaining the penlight's Rechargeable Plus system, showing it can run on either the included rechargeable battery or two AAA alkaline batteries (not included).

3. Initial Charging (for Rechargeable Battery)

Before first use, fully charge the rechargeable battery.

1. Locate the USB-C charging port near the tail cap of the penlight.
2. Connect the provided USB charging cable to the penlight's USB-C port and to a compatible USB power source (e.g., wall adapter, computer USB port).
3. The battery charging indicator will illuminate to show charging status. Refer to the operating section for indicator details.
4. Once fully charged, disconnect the cable.

QUICK-CYCLE SWITCH SYSTEM™

3 LIGHT MODES



A close-up view of the Coast HP3R penlight showing a USB-C cable connected to its charging port, located near the tail cap.

OPERATING INSTRUCTIONS

1. Powering On/Off and Light Modes

The HP3R Penlight features a Quick-Cycle Switch System to control power and light output.

- To turn the penlight **ON**, press the tail cap button once.
- To cycle through light modes (High, Medium, Low), press the tail cap button repeatedly while the light is on.
- To turn the penlight **OFF**, press and hold the tail cap button for approximately 1 second, or cycle through all modes until the light turns off.

RECHARGEABLE

USB-C CHARGING PORT



An image illustrating the quick-cycle switch system on the Coast HP3R penlight, indicating the rear button for cycling through 3 light modes.

2. Adjusting Focus (Twist Focus)

The penlight features a twist focus mechanism to adjust the beam from a wide flood to a narrow spot.

- To achieve a wide, even beam (Max View Flood), twist the head of the penlight counter-clockwise.
- To achieve a narrow, long-distance beam (Long Distance Spot), twist the head of the penlight clockwise.

| FOCUSING BEAM SYSTEM



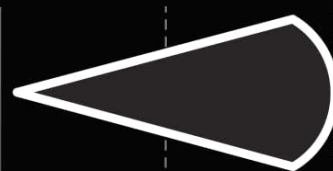
MAX VIEW™

Flood



LONG DISTANCE™

Spot



An illustration demonstrating the penlight's focusing beam system, showing the difference between Max View (flood) and Long Distance (spot) beam patterns, adjusted by twisting the head.

INCLUDED



A diagram of the Coast HP3R penlight pointing out its key features: pocket clip, USB-C charging port, battery charging indicator, and twist focus mechanism.

3. Using the Pocket Clip

The integrated pocket clip allows for secure attachment to clothing, belts, or gear for easy access and portability.

4. Using Bite Caps

The included bite caps can be attached to the tail end of the penlight, providing a comfortable and secure grip for hands-free operation when held in the mouth.

PENLIGHT FEATURES

COMPACT, VERSITILE LIGHT FOR YOUR POCKET



A close-up of the Coast HP3R penlight with a black rubber bite cap installed on the tail end, designed for hands-free use.

MAINTENANCE

1. Cleaning

To maintain optimal performance and appearance:

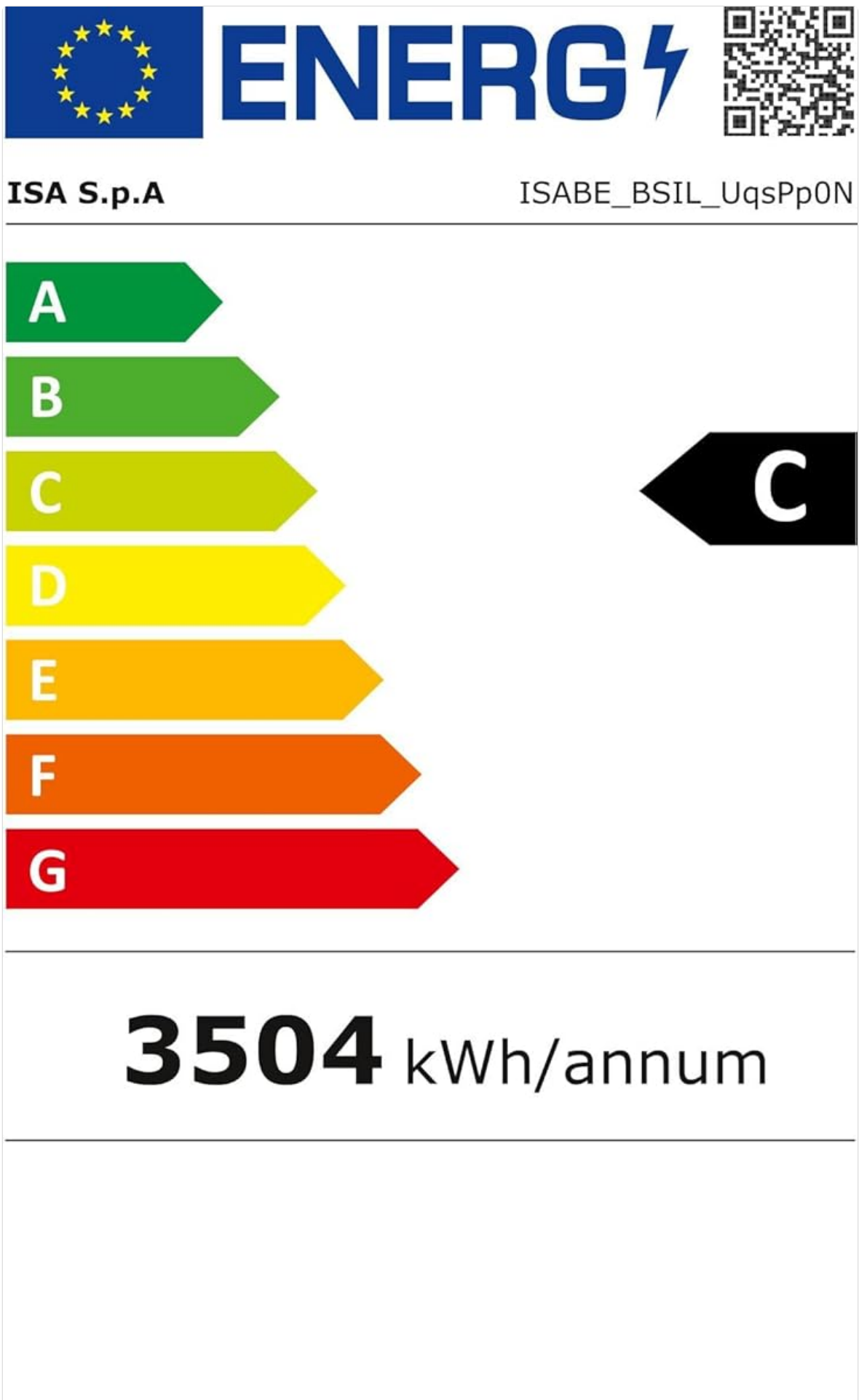
- Wipe the penlight with a soft, damp cloth.
- Avoid using abrasive cleaners or solvents, as these can damage the finish.
- Ensure the USB-C port cover is securely closed when not charging to protect against dust and moisture.

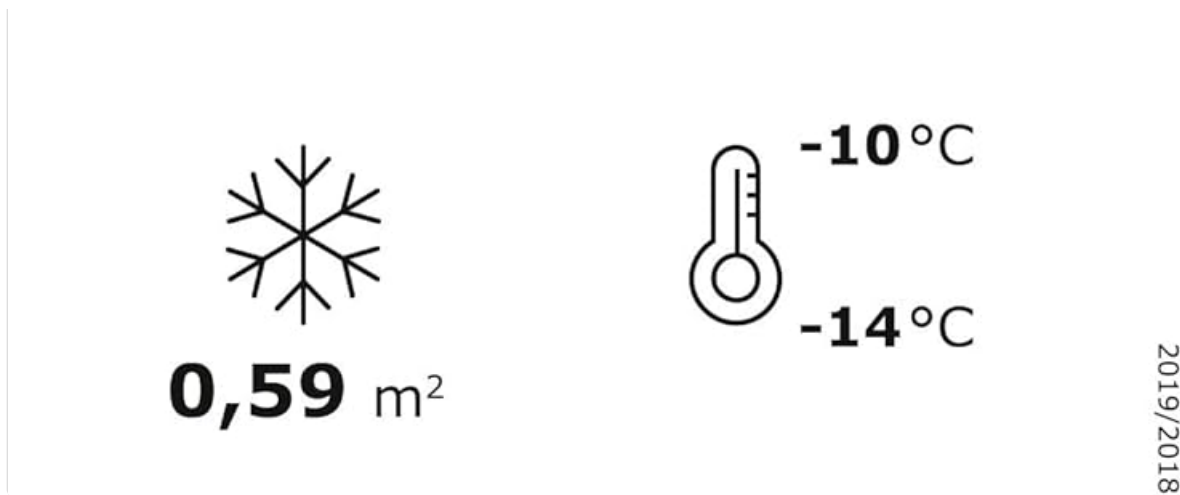
2. Battery Care and Replacement

- **Rechargeable Battery:** Recharge the Zithion-X battery regularly to prolong its lifespan. Avoid fully discharging the battery frequently.
- **Alkaline Batteries:** If using alkaline batteries, replace them when the light output becomes dim. Always replace both batteries at the same time with new ones of the same type and brand. Remove alkaline batteries if the penlight will not be used for an extended period to prevent leakage.

3. Water and Impact Resistance

The HP3R Penlight features durable aluminum construction and an IP54 rating, making it resistant to dust and splashing water. While it is weather-resistant, it is not designed for submersion in water.





The Coast HP3R penlight resting on a metal surface, highlighting its durable aluminum body and IP54 storm-proof rating for water and dust resistance.

TROUBLESHOOTING

If you encounter issues with your Coast HP3R Penlight, refer to the following common solutions:

- **Light Not Turning On:**

- Ensure batteries are correctly installed with proper polarity.
- Check if the rechargeable battery is charged, or if alkaline batteries need replacement.
- Verify the tail cap is screwed on tightly. A loose tail cap can interrupt the electrical connection.

- **Dim Light or Short Run Time:**

- The rechargeable battery may need recharging.
- Alkaline batteries may be low and require replacement.
- Ensure the penlight is not operating in a lower light mode. Cycle through modes to check.

- **Charging Issues:**

- Ensure the USB-C cable is securely connected to both the penlight and the power source.
- Try a different USB-C cable or power adapter to rule out faulty accessories.
- Confirm that the rechargeable battery is properly inserted.

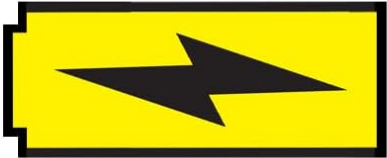
If these steps do not resolve the issue, please contact Coast customer support for further assistance.

SPECIFICATIONS

The following table outlines the key specifications for the Coast HP3R Rechargeable Penlight, tested to ANSI FL1 standards:

RECHARGEABLE PLUS™

RUNS ON RECHARGEABLE OR ALKALINE



RECHARGEABLE

(INCLUDED ZX456)

- Green & energy efficient
- More power
- Cost effective for frequent use
- Charger indicator

ALKALINE

(NOT INCLUDED 2X AAA)

A table detailing the FL1 standard specifications for the Coast HP3R penlight across High, Medium, and Low modes, including lumens, beam distance in meters, and run time in hours and minutes.

Feature	Detail
Model	HP3R (Lumen Penlight)
Brightness (High)	500 Lumens
Brightness (Medium)	185 Lumens
Brightness (Low)	26 Lumens
Beam Distance (High)	89 meters
Beam Distance (Medium)	55 meters
Beam Distance (Low)	20 meters

Feature	Detail
Run Time (High)	1 hour 30 minutes
Run Time (Medium)	3 hours 45 minutes
Run Time (Low)	12 hours
Battery Type	1x Zithion-X Rechargeable (included) or 2x AAA Alkaline (included)
Charging Port	USB-C
Material	Aluminum
Weight	100 Grams
Dimensions (Length)	5.8 inches (approx. 14.73 cm)
IP Rating	IP54 (Dust and splash resistant)
Light Source	LED

FEATURED SPECIFICATIONS



500
LUMENS



89M
DISTANCE



12H
RUN TIME

An image highlighting key specifications of the Coast HP3R penlight: 500 lumens brightness, 89 meters beam distance, and 12 hours run time (referring to High and Low modes respectively).



The Coast HP3R penlight held in a hand, with a measurement indicating its length is 5.8 inches.

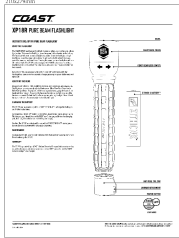
WARRANTY INFORMATION

The Coast HP3R Penlight is backed by Coast against defects in materials and workmanship. For specific warranty terms, conditions, and duration, please refer to the official Coast website or contact their customer support directly. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Coast HP3R Penlight, please visit the official Coast website or contact their customer service department. Contact information can typically be found on the manufacturer's website or product packaging.

Related Documents - HP3R



[COAST XP18R Pure Beam Flashlight Instructions and Features](#)

Detailed instructions for operating and maintaining the COAST XP18R Pure Beam Flashlight, including information on light modes, beam adjustment, battery charging, and warranty.



[COAST G23 Flashlight User Manual and Instructions](#)

Comprehensive guide for the COAST G23 flashlight, covering usage, mounting, power options (alkaline and rechargeable), warranty information, and safety precautions. Features Quick Cycle™ technology and C.O.B. area lighting.



[COAST PS700 LED Flashlight: Instructions, Features, and Warranty](#)

User guide for the COAST PS700 LED flashlight, detailing its construction, PURE BEAM™ optic, TWIST FOCUS™ beam adjustment, side area lights, Dual Power™ system, battery information, and COAST's lifetime warranty. Includes operational instructions and safety precautions.



[COAST FL75R LED Headlamp - Powerful, Rechargeable, and Versatile](#)

Detailed instructions and specifications for the COAST FL75R LED headlamp. Learn about its Pure Beam™ Optic, Twist Focus™ Technology, dual power system (rechargeable ZITHION-X™ battery and AAA alkaline), durable construction, and lifetime warranty. Ideal for professional and outdoor use.



[CF1000R Rechargeable Flashlight Instructions and Information](#)

Comprehensive guide to the COAST CF1000R rechargeable flashlight, including operation, charging, care, warranty, and FCC compliance information.



[COAST G450 Flashlight: User Manual, Features, and Warranty Information](#)

Comprehensive guide for the COAST G450 flashlight, detailing its Pure Beam LED optic, Twist Focus beam control, power settings, battery replacement, cleaning, and lifetime warranty.