Coast 20768

COAST POLYSTEEL 600 LED Flashlight User Manual

Model: 20768

1. PRODUCT OVERVIEW

The COAST POLYSTEEL 600 is a robust LED flashlight designed for demanding environments. It features a durable stainless-steel core and a heat-welded polyethylene exterior, making it crushproof, drop-proof, stormproof, and dust resistant. This flashlight offers a powerful 1000 lumen output on high mode and incorporates the PURE BEAM optical system with TWIST FOCUS technology for seamless transitions between flood and spot beams.

Image 1.1: The COAST POLYSTEEL 600 LED Flashlight, showcasing its robust black design.

POLYSTEEL 600 FLASHLIGHT

- Rechargeable or AA
- Focusing Beam System
- Storm, Drop and Crush Proof
- Lifetime Warranty

1000 ☀ Lumens

267m ◁ Beam

38h 🕐 Run time

Image 1.2: Summary of key features for the Polysteel 600 Flashlight, including lumens, beam distance, runtime, and durability.

2. KEY FEATURES

- **PURE BEAM and TWIST FOCUS TECHNOLOGY:** Seamlessly transition between an Ultra View Flood Beam for wide illumination and a BULLS-EYE Spot Beam for focused light.

Image 2.1: Illustration of the Twist Focus mechanism, allowing adjustment between flood and spot beams.
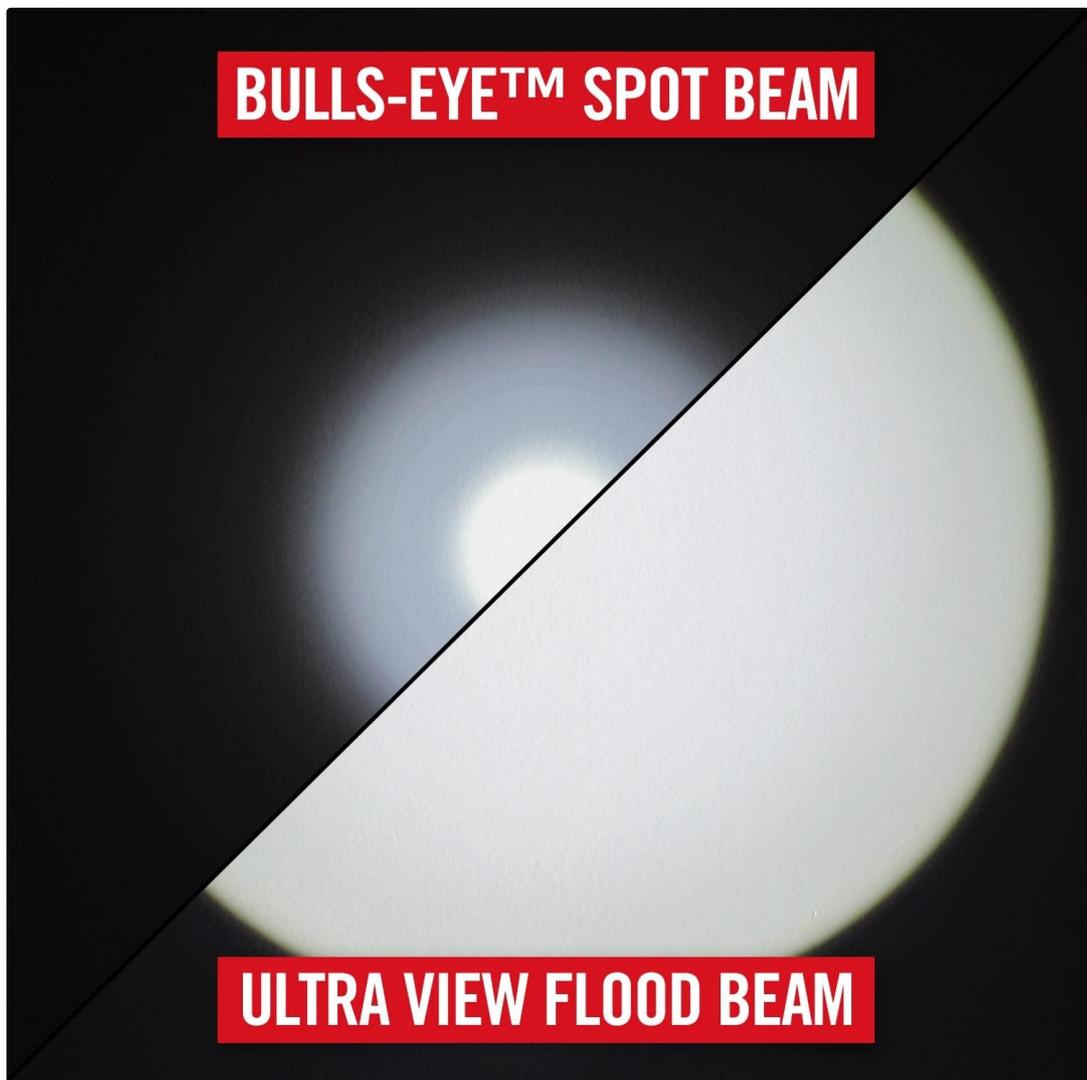
Image 2.2: Comparison of the Bulls-Eye Spot Beam (top) and Ultra View Flood Beam (bottom) provided by the flashlight.

- **POLYSTEEL DESIGN:** Constructed with a stainless-steel core and a heat-welded polyethylene exterior for exceptional durability.

- **DURABILITY:** The PS600 flashlight is storm proof, crush proof, drop proof, and dust resistant, ensuring reliable performance in harsh conditions.

Image 2.3: The Polysteel 600 flashlight demonstrating its storm-proof capability in wet conditions.

Image 2.4: The flashlight being dropped, highlighting its drop-proof construction.

Image 2.5: The flashlight under pressure, illustrating its crush-proof design.

- **PERFORMANCE:** Delivers up to 1000 lumens with a beam distance of 267 meters on high mode, and a runtime of up to 40 hours on low.

Image 2.6: Visual representation of the flashlight's maximum output of 1000 lumens and 267-meter beam distance.

3. SETUP

3.1. Battery Installation

The COAST POLYSTEEL 600 flashlight requires 4 AAA alkaline batteries (included). To install or replace batteries:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert 4 AAA batteries into the battery compartment, ensuring correct polarity (+/-) as indicated inside the flashlight.
3. Screw the tail cap back on clockwise until it is securely tightened.

Image 3.1: The Polysteel 600 flashlight shown with the included 4 AAA batteries.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Mode Selection

The flashlight features a Quick-Cycle™ Switch located on the tail cap for easy operation.

- **To turn on/off:** Press the tail cap switch completely until it clicks.
- **To cycle through modes:** With the flashlight on, lightly press the tail cap switch (without clicking) to cycle between High, Medium, and Low light modes. A full click will select the current mode.

Image 4.1: Close-up of the Quick-Cycle Switch on the tail cap, used for power and mode selection.

4.2. Adjusting the Beam (Twist Focus)

The PURE BEAM optical system with TWIST FOCUS technology allows you to adjust the beam from a wide flood to a focused spot.

- To switch between Ultra View Flood Beam and BULLS-EYE Spot Beam, simply twist the head of the flashlight.
- Twist in one direction for a wide, even floodlight, and in the opposite direction for a concentrated spot beam.

5. MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the flashlight will not be used for an extended period to prevent leakage. Replace all batteries at the same time with new ones of the same type.
- **O-Rings:** Periodically inspect the O-rings for wear and tear. A light application of silicone grease can help maintain their waterproof seal.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead or improperly installed batteries. Loose tail cap.	Replace batteries with new ones, ensuring correct polarity. Tighten the tail cap securely.
Light is dim or flickers.	Low battery power. Dirty battery contacts.	Replace batteries. Clean battery contacts with a clean cloth or cotton swab.
Beam adjustment (Twist Focus) is stiff.	Dirt or debris in the mechanism.	Clean the area around the focusing mechanism. Do not force the twist.

7. SPECIFICATIONS

Feature	Detail
Model Number	20768
Light Source Type	LED
Brightness (High)	1000 Lumens (max) / 740 Lumens (ANSI/FL1)
Beam Distance (High)	267 Meters (max) / 266 Meters (ANSI/FL1)
Runtime (Low)	Up to 40 hours (max) / 37 hours (ANSI/FL1)
Power Source	Battery Powered
Battery Type	4 x AAA Alkaline batteries (included)
Material	Stainless Steel Core, Polyethylene Exterior
Color	Black
Product Dimensions	8.12"D x 1.87"W x 1.87"H
Item Weight	11.2 ounces (0.7 Pounds)
Water Resistance Level	Waterproof (Storm Proof)
Special Features	Durable, Crush Proof, Drop Proof, Dust Resistant, Pure Beam Twist Focus

FL 1 STANDARD	HIGH	MEDIUM	LOW
☀ (lumens)	740 LUMENS	345 LUMENS	100 LUMENS
📏 (beam distance)	266m	177m	103m
🕐 (runtime)	4h 30min	12h	37h

Image 7.1: FL1 Standard performance table detailing lumens, beam distance, and runtime for High, Medium, and Low modes.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The COAST POLYSTEEL 600 Flashlight is backed by Coast's lifetime warranty against defects in materials and workmanship. This warranty ensures long-term reliability and customer satisfaction.

Image 8.1: Coast's commitment to quality and lifetime guarantee.

8.2. Customer Support

For further assistance, technical support, or warranty claims, please visit the official Coast website or contact their customer service department. Refer to the product packaging or the official Coast website for the most current contact information.

An installation manual in PDF format is also available for download: Installation Manual (PDF).