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Carbon Express S15000

IQ Sight Light User Manual

Model: S15000

Brand: Carbon Express

1. Introduction and Overview

The IQ Sight Light is an essential accessory designed to enhance the visibility of your bow sight pins in low-light conditions. It is compatible with IQ Bowsights and most SURE-LOC sights, accommodating both right and left-hand models. This device ensures that your sight pins remain clear and visible, preventing lost pins when hunting in dim environments or from inside a blind.

Key features include:

- **Universal Compatibility:** Fits IQ Bowsights and most SURE-LOC sights.
- **Adjustable Brightness:** Features a rheostat control for variable light intensity, providing a purple low-glare light.
- **Enhanced Visibility:** Specifically designed to brighten your sight picture in low-light scenarios, such as inclement weather or dark hunting blinds.
- **Ready to Use:** Includes (3) Energizer 392 (or comparable) batteries for immediate operation.



Figure 1: The IQ Sight Light, a compact accessory designed to illuminate bow sight pins.

2. Setup and Installation

The IQ Sight Light is designed for straightforward installation onto compatible bow sights. Follow these steps for proper setup:

1. **Battery Activation:** Before first use, unscrew the light unit to access the battery compartment. Remove the three batteries and locate the small, thin transparent plastic disc positioned between the batteries. This disc prevents battery contact during shipment. Remove the disc and reinstall the batteries, ensuring correct polarity.

2. **Adapter Selection:** The IQ Sight Light comes with a variety of adapters to ensure compatibility with most IQ Bowsights and SURE-LOC sights. Select the adapter that correctly threads into your specific bow sight's light port.
3. **Attachment to Sight:** Carefully thread the IQ Sight Light, with the chosen adapter, into the designated light port on your bow sight. Hand-tighten until secure. Do not overtighten.
4. **Initial Check:** Once installed, turn the rheostat control knob to test the light's functionality.



Figure 2: Close-up view of the IQ Sight Light attached to a bow sight, demonstrating its compact integration.

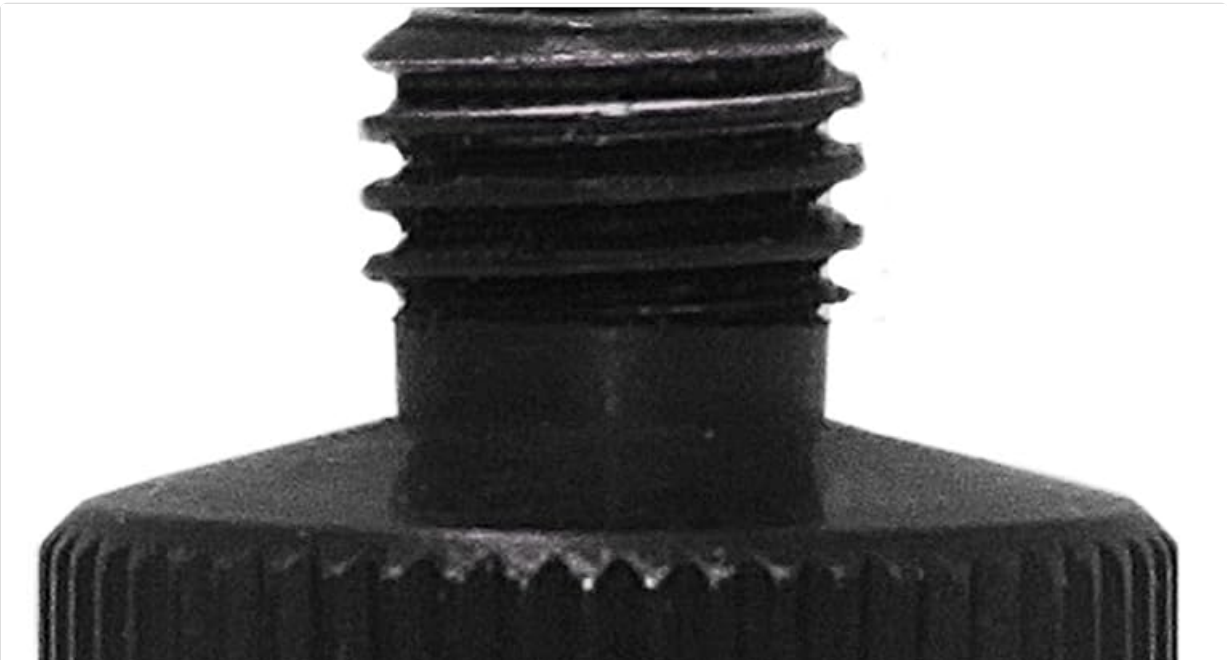




Figure 3: The IQ Sight Light mounted on a bow sight, providing a broader perspective of its position relative to the bow.

3. Operating Instructions

The IQ Sight Light features a rheostat control for precise adjustment of light intensity. This allows you to optimize visibility for various lighting conditions.

- **Turning On/Off and Adjusting Brightness:** Rotate the knurled knob on the end of the sight light. Turning the knob will activate the light and allow you to adjust its brightness from a dim glow to a bright illumination. The light emits a purple, low-glare light.
- **Optimizing for Conditions:**
    - In very low light, such as dawn, dusk, or inside a dark hunting blind, increase the brightness to make your pins clearly visible.
    - In brighter conditions, or if the pins appear overly bright and blur your target, reduce the light intensity. The goal is to have the pins just visible enough without overwhelming your vision.
- **Identifying Off Position:** The rheostat control may spin continuously without a distinct "off" click. To conserve battery life, ensure the light is fully turned off when not in use. You may need to feel for the point where the light extinguishes or mark the "off" position on the housing for easier identification.



Figure 4: A hand demonstrating the adjustment of the IQ Sight Light's rheostat control on a bow sight.



Figure 5: The IQ Sight Light integrated with a bow and sight, shown in an outdoor environment, ready for use.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your IQ Sight Light.

- **Battery Replacement:** The sight light is powered by three Energizer 392 (or comparable) batteries. When the light dims significantly or fails to illuminate, it is time to replace the batteries. Unscrew the light unit, remove the old batteries, and insert new ones, ensuring correct polarity. Dispose of old batteries responsibly.
- **Cleaning:** Periodically wipe the exterior of the sight light with a soft, dry cloth to remove dust, dirt, or moisture. Avoid using abrasive cleaners or solvents, as these can damage the finish or internal components.
- **Storage:** When not in use for extended periods, consider removing the batteries to prevent potential leakage and corrosion. Store the sight light in a cool, dry place, protected from extreme temperatures and direct sunlight.

5. Troubleshooting

If you encounter issues with your IQ Sight Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on upon first use.	Protective plastic disc still in battery compartment.	Unscrew the light unit, remove batteries, and remove the transparent plastic disc. Reinstall batteries correctly.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low or depleted batteries.	Replace all three Energizer 392 (or comparable) batteries. Ensure correct polarity.
Battery drains quickly.	Light left on inadvertently.	Ensure the rheostat knob is turned fully to the "off" position when not in use. Consider marking the off position on the housing.
Light does not fit sight.	Incorrect adapter used or sight is not compatible.	Verify you are using the correct adapter for your specific IQ Bowsight or SURE-LOC model. Refer to your sight's manual for compatibility.

6. Specifications

- **Model Name:** IQ Bowsights
- **Model Number:** S15000
- **Brand:** Carbon Express
- **Color:** Purple (light output)
- **Material:** Aluminum
- **Item Weight:** Approximately 0.05 Pounds (0.02 kg)
- **Compatible Devices:** Compound Bows (specifically IQ Bowsights and most SURE-LOC sights)
- **Mounting Type:** Dovetail Mount (via adapter)
- **Power Source:** 3 x Energizer 392 (or comparable) batteries (included)
- **UPC:** 797749720015, 796793173990, 702649150008
- **Manufacturer:** Field Logic

7. Warranty and Support

The IQ Sight Light is covered by a manufacturer's warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the documentation included with your purchase or contact Carbon Express customer support directly.

For technical assistance, troubleshooting beyond this manual, or inquiries about replacement parts, please contact the manufacturer:

- **Brand:** Carbon Express
- **Manufacturer:** Field Logic
- **Website:** www.carbonexpressarrows.com (General website, specific support contact may vary)

Always ensure you have your product model number (S15000) and purchase information available when contacting support.

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