For 50 years, BFW has been a technological leader in medical and surgical headlight illumination.

Our innovative LED-based product line includes exam and surgical grade portable headlights.

The High Bright Hatteras LED Light Source and our state-of-the-art Pharos Headlight and Video Camera System are backed by customer service and technical support that is second-to-none.

Engineered and assembled in America in collaboration with Long Island Technology Group, our products are built with a symbiotic vision of continuous innovation to meet the ever-changing requirements of a rapidly evolving and demanding profession.
BFW ENGINEERS CREATE PRODUCTS THAT AID IN THE NAVIGATION OF YOUR SURGICAL FIELD. CHOOSE A HEADLIGHT OPTION FROM OUR BROAD RANGE OF PRODUCTS TO BEST SUIT YOUR SPECIFIC NEEDS.

PHAROS™ HD SURGICAL
HIGH-INTENSITY, FIBER OPTIC HEADLIGHT WITH COAXIAL, HIGH-DEFINITION CAMERA WITH FIXED SPOT, POWERED BY HATTERAS

- Fixed Spot Diameter: 4" (10.16 cm) at a working distance of 16" (40 cm)
- Color Rendering Index with Hatteras: 70 CRI
- Color Temperature with Hatteras: 5,400° K
- Adjustable Depth of Focus: 10" (25 cm) – 24" (61 cm)
- Digital Zoom: up to 16X Magnification
- SDI/HDMI Output
- Digital Image Stabilization Setting
- Manual Brightness Setting Option
- Compatible with most High-Definition or Integrated Operating Room Recording Systems
- Coaxial Headlight Imaging System: The highest quality video and still images will be captured from the surgeon's point of view when used with a medical recorder. The surgeon’s line of sight will consistently been seen on the Operating Room monitor.

PHAROS TESTED AND CERTIFIED TO:
BFW ENGINEERS CREATE PRODUCTS THAT AID IN THE NAVIGATION OF YOUR SURGICAL FIELD. CHOOSE A HEADLIGHT OPTION FROM OUR BROAD RANGE OF PRODUCTS TO BEST SUIT YOUR SPECIFIC NEEDS.

**High Bright Hatteras™ Surgical**

HIGH-INTENSITY LED SURGICAL LIGHT SOURCE

- Illumination Range with AtoN Fiber Optic Headlight:
  - 240,000 LUX at 16” (40 cm)
- Color Temperature: 6,400° K
- Intensity Settings: 10 Levels
- 4 Port Turret accepts: BFW/ACMI, Olympus, Storz, and Wolf Cables
- Unique Standby Feature: when Fiber Optic Cable is Removed from Port, Illumination Stops
- LED Expected Lifespan: > 10,000 hours

**AtoN™ Surgical**

HIGH-INTENSITY SURGICAL FIBER OPTIC HEADLIGHT WITH ADJUSTABLE SPOT, POWERED BY HATTERAS

- Illumination Range with Hatteras: ~160,000 LUX at 16” (40 cm) to ~547,000 LUX at 10” (25 cm)
- Adjustable Iris Spot Diameter: .5”–4” (1.27 – 10.16 cm) at a working distance of 16” (40 cm)
- Color Rendering Index with Hatteras: 70 CRI
- Color Temperature with Hatteras: 5,400° K
- Standard Accompaniment: 10’ Cobra Cable
- Hygienic Optic: Easy to Clean Twist-Off Feature
- Compatibility: ACMI Port
- Optic Weight: 1.5 oz (43.4g)

DAYMARK™ SURGICAL

HIGH-INTENSITY, PORTABLE LED SURGICAL HEADLIGHT WITH ADJUSTABLE SPOT, POWERED BY A 4-CELL BATTERY

- Illumination Range: -60,000 LUX at 16” (40 cm) to -260,000 LUX at 10” (25 cm)
- Adjustable Spot Diameter: 1”–4“ (2.5 – 10.16 cm)
  at a working distance of 16” (40 cm)
- Color Rendering Index: 78 CRI
- Color Temperature: 5,000 K
- Intensity Settings: 5 Levels
- 4-Cell Battery
- Battery Duration at Full Intensity: 5 hours
- Battery Expected Life Span: > 300 Charges
- LED Expected Life Span: > 10,000 hours
- Optic Weight: 5 oz (141 g)
- Battery Weight: 8 oz (226 g)

BRISTOL-PLUS™ SURGICAL

PORTABLE LED SURGICAL HEADLIGHT WITH ADJUSTABLE SPOT, POWERED BY A 3-CELL BATTERY

- Illumination Range: -40,000 LUX at 16” (40 cm) to -132,000 LUX at 10” (25 cm)
- Adjustable Spot Diameter: 1”–3” (2.5 – 7.6 cm)
  at a working distance of 16” (40 cm)
- Color Rendering Index: 78 CRI
- Color Temperature: 6,500 K
- Intensity Settings: 5 Levels
- 3-Cell Battery
- Battery Duration at Full Intensity: 10 hours
- Battery Expected Life Span: > 300 Charges
- LED Expected Life Span: > 10,000 hours
- Optic Weight: 1.2 oz (34 g)
- Battery Weight: 6 oz (170 g)

DOVER™ SURGICAL & MEDICAL

PORTABLE LED HEADLIGHT WITH FIXED SPOT, POWERED BY A 3-CELL BATTERY

- Illumination Range: -30,000 LUX at 16” (40 cm) to -105,000 LUX at 10” (25 cm)
- Fixed Spot Diameter: 3” (7.6 cm) at a working
distance of 16” (40 cm)
- Color Rendering Index: 78 CRI
- Color Temperature: 6,500 K
- Intensity Settings: 5 Levels
- 3-Cell Battery
- Battery Duration at Full Intensity: 10 hours
- Battery Expected Life Span: > 300 Charges
- LED Expected Life Span: > 10,000 hours
- Optic Weight: 0.45 oz (12.7 g)
- Battery Weight: 6 oz (170 g)
BAYPORT™ HEADLIGHT STORAGE SOLUTION

• Conveniently stores up to 4 headlights at a time with the space-saving Wall Mount Rail Kit configuration.
• When configured with the Mobile Stand Kit each module will provide storage for 2 headlights. A maximum of 8 headlights can be stored on a single Mobile Stand using 4 storage modules.
• When configured with a Table Stand Kit, storage will be provided for up to 2 headlights.
• Designed to store AtoN, Pharos, Dover, Bristol-Plus, and Daymark.
• Hook design will hold headlight, cable, and holster.
• Organizational space to store Fiji Sweatband 10 pack. (BFW 1002P)
• Minor assembly required.
• Limited Manufacturer Warranty applies.

BAYPORT™ 6-BAY BATTERY CHARGING SOLUTION

• On a Wall Mount Rail Kit, BayPort can simultaneously charge up to 6 batteries and store up to 4 headlights on a single module.
• On a Mobile Stand Kit, BayPort stores headlights and charges batteries in flexible combinations to suit. 4 modules required.
• On a Table Stand Kit, BayPort can conveniently store up to 2 headlights and charge up to 6 batteries.
• Lightning Fast charges - 80% of full power in 1 hour and 100% of full power in 3 hours.
• Exclusively designed to charge BFW 3- and 4-cell Lithium-ion batteries.
• Hook design will hold headlights, cable, and holster.
• Designed to store AtoN, Pharos, Dover, Bristol-Plus, and Daymark.
• Minor assembly required.
• Limited Manufacturer Warranty applies.
# Lighting the Way

A Guide to the Right Light

## Disciplines

### Hospital

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## See Better, See Farther, See Why

Questions?

To come >> Copy placed here about contacting BFW and/or your distributor

Technical support is standing by

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Long Island Technology Group

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**PRODUCT CODES**

**PHAROS HD — HEADLIGHT HD IMAGING SYSTEM POWERED BY HATTERAS | PG 2**
- BFW 8010 HB: Pharos Imaging System with High Bright Hatteras
- BFW 8010 BHB: Pharos Imaging System with High Bright Hatteras, excludes Mobile Stand
- BFW 8010A: Pharos Camera and Control Unit Only

**HATTERAS — LED LIGHT SOURCE | PG 3**
- BFW 1600B: High Bright Hatteras Light Source
- BFW 1600: Hatteras Light Source
- BFW 9893: Hatteras Mobile Stand

**AtoN — HEADLIGHT POWERED BY HATTERAS | PG 3**
- BFW 1200: AtoN Headlight with Fiji Headband and 10' Cobra Coil Fiber Optic Cable
- BFW 1252: AtoN Headlight with Key West Headband and 10' Cobra Coil Fiber Optic Cable
- BFW 1255: AtoN Headlight with Fiji Headband and 10' Standard Fiber Optic Cable
- BFW 1257: AtoN Headlight with Key West Headband and 10' Standard Fiber Optic Cable
- BFW 1260: AtoN Headlight with Fiji Headband and 7' Standard Fiber Optic Cable
- BFW 1262: AtoN Headlight with Key West Headband and 7' Standard Fiber Optic Cable

**DAYMARK — SURGICAL: HIGH INTENSITY POWERED BY 4-CELL BATTERY | PG 4**
- BFW 9070: Daymark Headlight System with Fiji Headband
- BFW 9074: Daymark Headlight System with Key West Headband

**BRISTOL-PLUS — SURGICAL: MEDIUM INTENSITY POWERED BY 3-CELL BATTERY | PG 4**
- BFW 9040P: Bristol-Plus Headlight System with Fiji Headband
- BFW 9040PB: Bristol-Plus Headlight System with Fiji Headband and Two 3-Cell Batteries
- BFW 9042P: Bristol-Plus Headlight System with Optic Clip
- BFW 9042PB: Bristol-Plus Headlight System with Optic Clip and Two 3-Cell Batteries
- BFW 9044P: Bristol-Plus Headlight System with Key West Headband
- BFW 9044PB: Bristol-Plus Headlight System with Key West and Two 3-Cell Batteries

**DOVER — EXAM: HIGH INTENSITY POWERED BY 3-CELL BATTERY | PG 4**
- BFW 9030: Dover Headlight System with Fiji Headband
- BFW 9030B: Dover Headlight System with Fiji Headband and Two 3-Cell Batteries
- BFW 9032: Dover Headlight System with Optic Clip
- BFW 9032B: Dover Headlight System with Optic Clip and Two 3-Cell Batteries
- BFW 9034: Dover Headlight System with Key West Headband
- BFW 9034B: Dover Headlight System with Key West and Two 3-Cell Batteries

**BAYPORT — 6-BAY BATTERY CHARGING SOLUTION | PG 5**
- BFW 9020BC6: Charges up to 6 BFW 3-cell and 4-cell Lithium-ion batteries, exclusively

**BAYPORT — HEADLIGHT STORAGE SOLUTION | PG 5**
- BFW 5440W2: Stores BFW Headlights, includes 2 center-mounted hooks

**BAYPORT — ACCESSORIES EXCLUSIVE TO BAYPORT | PG 5**
- BFW 5440MR: BayPort Wall Mount Rail Kit
- BFW 5440TS: BayPort Table Stand Kit
- BFW 5440TDK: BayPort Top Dual Hanger Kit
- BFW 5440BDK: BayPort Bottom Dual Hanger Kit, not for use with Mobile Stand
- BFW 5440 MS: BayPort Mobile Stand for Four Modules
- BFW 9893 BP: BayPort Mobile Stand for Single Module
- BFW 9893PS: BayPort Mobile Stand Power Strip

**PLEASE NOTE:** Product specifications may be modified by the manufacturer at any time, descriptions for reference only.