

# LED HEADLIGHTS



## BFW OFFERS RANGES 3 PRODUCT RANGES

- THE TETHERED RANGE
- THE PORTABLE RANGE with long lasting Battery
- THE CORDLESS RANGE with Maui head band

### Headlight

#### Pharos HD™

HIGH-INTENSITY, FIBER OPTIC HEADLIGHT WITH COAXIAL, HIGH-DEFINITION CAMERA WITH FIXED SPOT

- POWERED by HATTERAS
- Adjustable Depth of Focus: 10" (25 cm) - 24" (61cm)
- 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 be seen on the Operating Room monitor.



PHAROS  
FULL HD CAMERA

#### AtoN™

HIGH-INTENSITY FIBER OPTIC SURGICAL HEADLIGHT WITH ADJUSTABLE SPOT

- POWERED by HATTERAS or Chromapro
- Disposable sweat pads for comfort and cleanliness
- 3 cables options: Robust 10' Cobra cable, 10' fiberoptic cable or 7' fiber optic cable



### LED sources

#### HATTERAS™ LIGHT SOURCE'S

HIGH-INTENSITY LED SURGICAL LIGHT SOURCE

- 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

**ILLUMINATION RANGE with AtoN Fiber Optic Headlight**

**1600B-MODEL HIGH BRIGHT : ~220,000 LUX at 16" (40 cm)**

**1600 -MODEL BRIGHT : ~185,000 LUX at 16" (40 cm)**

#### CHROMAPRO™

- Illumination Range with AtoN Fiber Optic Headlight ~70,000 LUX at 16" (40 cm)
- Analog Dimmer Controls Output from 0% to 100%
- Universal Power Supply - Small and Powerful



HATTERAS TESTED AND CERTIFIED TO: IEC 60601-2 Edition 4, IEC 60601-2-18 Edition 3, ANSI/AAMI S60601-1(2005+C1:09+A2:10), CAN/CSA-C22.2 NO 60601-1-(2008), CE

PHAROS TESTED AND CERTIFIED TO: IEC 60601-1 Edition 3, IEC 60601-1-2 Edition 4, ANSI/AAMI ES60601(2005+C1:09+A2:10), CAN/CSA-C22.2 NO 60601-1 (2008), CE



Powered by

Long Island  
**Technology**  
Group

SEE BETTER  
SEE FARTHER  
SEE WHY

# LED HEADLIGHTS

HIGH INTENSITY



## DAYMARK™

HIGH-INTENSITY WITH ADJUSTABLE SPOT

- Illumination Range: ~60,000 LUX at 16" (40cm) 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
- Battery Duration at Full Intensity: 5 hours



PORTABLE

// CORDLESS

MEDIUM INTENSITY

## BRISTOL-PLUS™

MEDIUM-INTENSITY WITH ADJUSTABLE SPOT

- Illumination Range: ~40,000 LUX at 16"(40 cm) to ~132,000LUX 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
- Battery Duration at Full Intensity: 10 hours
- Optic Weight: 1.2oz (34 g)



BRISTOL-PLUS™ Maui Cordless

## DOVER™

MEDIUM-INTENSITY WITH FIXED SPOT

- Illumination Range: ~30,000 LUX at 16" (40 cm) to ~105,000LUX 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
- Battery Duration at Full Intensity: 10 hours
- Optic Weight: 0.45 oz (12.7g)



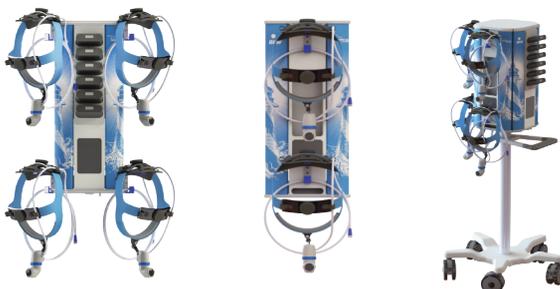
DOVER™ Maui Cordless

## BAYPORT™

Store Headlights & Charge Batteries conveniently

Personalization

STORAGE



\*The Baycharger is not compatible with the cordless Maui batteries

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Do not dispose of in public.  
Specifications are for guidance only and BFW reserves the right to change them without notice.

BRISTOL-PLUS/DOVER/DAYMARK  
TESTED AND CERTIFIED TO:  
IEC 60601-1Edition 3, IEC 60601-1-2Edition 4  
ANSI/AAMI ES60601-1(2005 +C1:09 +A2:10),  
CAN/CSA-C22.2 NO 60601-1-(2008), CE

Battery Duration with Maui at Full Intensity:  
3 hours



MAUI Head Band

\*Available mid 2023  
[www.bfwinc.com](http://www.bfwinc.com)