



BFW INC
2307 River Road Suite 103
Louisville Ky 40206
Phone: 502-899-1808
Fax: 502-899-1937
BFWinc.com

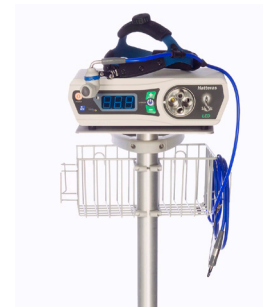
BFW™ LIGHTING SOLUTIONS GUIDE

Hospitals are switching to BFW™

There is good reason so many “Top-Ranked” hospitals use BFW™ – We have been the technological leader in medical and surgical headlight illumination and headlight video imaging systems for over 40 years; backed by customer service that is second-to-none.

Our innovative LED based product line includes robustly built and very bright exam and surgical grade portable headlights, the high-intensity Hatteras™ fiber-optic LED system that is tested and approved for headlights and scopes, and our state-of-the-art Pharos™ Headlight/Video Camera System. BFW™ products are well thought out solutions designed to meet the needs of our customers – from the physicians and surgeons who use them, the nurses who prepare them, to the biomedical engineers who maintain them.

In collaboration with Long Island Technology Group, we design, engineer and manufacture our American-made products with a symbiotic vision of continuous innovation to meet the ever-changing requirements of a rapidly evolving and demanding profession.



GOOD, BETTER, BEST

FIND THE RIGHT LIGHT FOR YOU

BFW prides ourselves for providing the medical community with high quality headlights and headlight mounted camera systems. With our broad range of LED Headlights we meet the

needs of surgeons, ORs, learning institutions, surgery centers and private practices.

Let us help you find the right headlight.

	Department / Specialty	<i>Good</i>	<i>Better</i>	<i>Best</i>
HOSPITAL	ENT	Dover	Bristol	Daymark
	GENERAL	Dover	Bristol	Daymark
	NEURO	Daymark	Hatteras/AtoN	Hatteras with AtoN and Pharos Camera
	CARDIO	Daymark	Hatteras/AtoN	Hatteras with AtoN and Pharos Camera
	THORACIC	Daymark	Hatteras/AtoN	Hatteras with AtoN and Pharos Camera
	TRANSPLANT	Daymark	Hatteras/AtoN	Hatteras with AtoN and Pharos Camera
	PEDIATRIC	Dover	Daymark	Hatteras with AtoN
	VASCULAR	Dover	Daymark	Hatteras with AtoN and Pharos Camera
	SPINE	Dover	Daymark	Hatteras with AtoN
OFFICE	DENTAL	Dover	Bristol	Daymark
	ORAL MAX	Dover	Bristol	Daymark
	PLASTIC	Dover	Bristol	Daymark
	EXAM	Dover	Bristol	Daymark

***ALL ARE CERTIFIED THROUGH UL*



Bristol™

- Spot Size at 16" (40 cm): 3" (7.6 cm)
- 5 Intensity Levels from 8,000 LUX- 30,000 LUX
- 10 hours of battery life at full intensity
- Optic Weight: 0.45 oz (12.7g)
- Battery Weight: 6 oz (170 g)
- Battery Life: > 300 Full Charges
- CRI: 73
- Color Temperature: 7000K
- 1-Year Limited Manufacturer's Warranty
- Tested and Certified to: IEC 60601-1, IEC 60601-1-2,
- AAMI/ANSI ES60601-1, CSA C22.2 NO 60601-1:08, CE



Dover™

- Spot Size at 16" (40cm): 1", 2" or 3" (2.5 cm, 5.1 cm, 7.6 cm)
- 5 Intensity Levels from 8,000 LUX- 30,000 LUX
- 10 hours of battery life at full intensity
- Optic Weight: 1.2 oz (32 g)
- Battery Weight: 6 oz (170 g)
- Battery Life: > 300 Full Charges
- CRI: 73
- Color Temperature: 7000K
- 1-Year Limited Manufacturer's Warranty
- Tested and Certified to: IEC 60601-1, IEC 60601-1-2,
- AAMI/ANSI ES60601-1, CSA C22.2 NO 60601-1:08



Daymark™

- 15,000 to 60,000 LUX, 5 levels of crisp, clean, daylight quality illumination
- Adjustable Iris 1" – 4" (2.5 cm–10.2 cm) @ 16" (40cm) Working Distance Optic
- Weight: 5 oz. (141 g.)
- Battery Weight: 8 oz. (230 g.)
- Battery Life: > 300 Charges
- 5 hours of battery life on the highest setting
- < 78 CRI (Color Rendering Index);
- 5,000° K Color Temperature
- 1-Year Limited Manufacturer's Warranty
- Tested and Certified to IEC 60601-1, IEC 60601-1, AAMI/ANSI ES60601-1, CSA C22.2 NO 60601-1:08, CE



AtoN™

- Fully adjustable Iris offers crisp spot size from 0.5" to 4.25" measured @ 16" (40cm) from the lens
- Low-profile, lightweight optic 1.5 oz. (43.4g)
- Robust for tough conditions
- BFW/ACMI cable enables use with other light-source brands
- Custom fiber optic cable with more than 9,000 strands delivers high light transmission and affords usability with up to 30 percent damage.
- Cobra Cable (10' length only) protects the fiber bundle for longer cable life)



Hatteras™



- 160,000 LUX at highest intensity
- 10 Intensity settings
- 3 digit LED Brightness Display
- Tested and cleared for use with headlights and endoscopes
- Provides a unique standby feature: when a fiber optic cable is removed from port, illumination stops
- Dependable light source that sustains brightness and color levels well beyond 10,000 hours 4 port turret accepts BFW/ ACMI, Olympus, Storz, and Wolf Cables
- 1-year Limited Manufacturer's Warranty
- Extended Warranty Available
- Tested and Certified To: IEC 60601-1 Edition 3 (2008), IEC 60601-1-2 Edition 3 (2007), IEC 60601-2-18 Edition 3 (2009) AAMI ES60601-1 Edition 1 (2005a), CSA C22.2 NO 60601-1:08 Edition 2 (2008), CE



Pharos HD™



- 1080p/60HD Video Output – Camera Chip – CMOS Digital 1920 x 1080 True HD
- Coaxial alignment- camera lens is centered in the lens of the headlight optic; whatever the surgeon is looking at is always on the monitor
- Depth of Focus – Adjustable 10-to-24" (25.4-to-61 cm)
- Manual Focus adjustment on Lens – 2.5X Magnification – No Resolution Loss
- Digital Zoom –Up to 16X Magnification
- Image Stabilization Setting
- White Balance, Brightness, and Zoom setting on the Control Unit
- 1 SDI output, 1 HDMI output
- Compatible with Most HD or Integrated OR Theater HD Recording Systems, and Laptops
- 4.5" Diameter spot (11.4cm) at 16" (40cm) working distance
- 1-Year Limited Manufacturer's Warranty

Racon™



- Bone connecting headphones
- Syncs via blue tooth to smart phone
- Allows wearer to listen to music without inhibiting the ability to hear in the OR
- Built in microphone allows wearer to conduct phone conversations while keeping the phone out of the sterile field



Product Code Sheet

Pharos™ HD

BFW 8010 System

Pharos Imaging system with Hatteras & Stand

BFW 8010A

Pharos Camera and Control Unit Only

Hatteras™

BFW 1600

Hatteras High Intensity Light Source

BFW 9893

Mobile Stand

AtoN™ Fiber Optic Headlight

BFW 1200

AtoN Classic Headlight with 10' Cobra Cable

BFW 1252

AtoN Key West Headlight with 10' Cobra Cable

BFW 1255

AtoN Classic Headlight with 10' Cable

BFW 1257

AtoN Key West Headlight with 10' Cable

BFW 1260

AtoN Classic Headlight with 7' Cable

BFW 1262

AtoN Key West Headlight with 7' Cable

BFW 1265

AtoN Classic Headlight without cable

BFW 1267

AtoN Key West Headlight without cable

Daymark™ LED Portable

BFW 9070

Daymark Headlight System-Classic

BFW 9074

Daymark Headlight System - Key West

BFW 9072

Daymark Headlight System - Retrofit Classic

BFW 9073

Daymark Headlight System - Retrofit Key West

Dover™ LED Portable

BFW 9030

Dover Headlight System

BFW 9030B

Dover Headlight System 2 Batteries

BFW 9032

Dover Headlight System - Clip

BFW 9032B

Dover Headlight System - Clip 2 Batteries

BFW 9034

Dover Headlight System - Key West

BFW 9034B

Dover Headlight System - Key West 2 Batteries

Bristol™ LED Portable

BFW 9040

Bristol Headlight System

BFW 9040B

Bristol Headlight System - 2 Batteries

BFW 9042

Bristol Headlight System - Clip

BFW 9042B

Bristol Headlight System - Clip, 2 Batteries

BFW 9044

Bristol Headlight System - Key West

BFW 9044B

Bristol Headlight System - Key West 2 Batteries

Racon™

BFW 1000

Racon Bone Conducting Headphones