

QED MEDICAL

PRODUCT CATALOG

SURGICAL LIGHTING
SYSTEMS
SINCE 1971



QED MEDICAL - THE NAME BEHIND THE SYSTEMS YOU KNOW

750 Enterprise Drive, Lexington, KY 40510 859-231-0338 ph 859-231-0376 fax 800-513-2256 www.qed-medical.com sales@qed-medical.com

QED MEDICAL Company Bio

You may not know our name yet,
but you know our products.

Since 1971, we've designed and
built some of the finest Surgical Lighting
Systems distributed world-wide under our
original name of BF Wehmer Medical
Instruments then through our distribution
arm known as BFW, Inc.

In 2009, QED
began to expand our reach,
removing the BFW name and
offering our systems through
direct distribution
partnerships providing
more opportunity to our partners
and more value to our
customers.

Fiber Optic Headlights
The Lawson Light Monocular Optic Headlights for ENT
Xenon, Halogen & LED Light Sources
Portable LED & Halogen Headlight Systems
Video Headlight System



1971:

BF Wehmer Medical Instruments Division
begins designing, producing and distributing
what would become some of the most
respected surgical lighting systems worldwide

1994:

BF Wehmer becomes QED, Inc., and
concentrates solely on design and
manufacturing. The distribution division
becomes an independent entity known as
BFW, Inc.™

2009:

August - QED, Inc. brings sales in-house once
again and begins offering their full line of
Surgical Headlight Systems, manufacturer
direct, to select distribution partners

CURRENT:

QED has extended our product line and grown
our global distribution through a network of
carefully selected partners. Regardless of location or
specialty, QED offers a way to deliver clean, even,
brilliant illumination into every field.

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ALTAIR HI 2 FIBER OPTIC HEADLIGHT

Brilliant line of sight intensity, maximum control and the finest engineering and components brought together to provide the optimal surgical lighting experience.

FEATURES:

- Comfortable, adjustable headband
- Clean, consistent illumination
- Field measures 11.5 cm at a 40 cm working distance
- Specially coated, three-lens system delivers exceptional focus & intensity
- Precision internal iris provides pinpoint spot adjustability
- Our side-mount fiber optic bundle features flexible durability to bring comfort, intensity and longevity to your system
- Powered by QED Medical's Xenon, Halogen or LED Light Source
- Available with 7' or 10' Fiber Optic Cable in Black or Iridescent Blue
- Autoclavable positioning bar provides sterile adjustability
- Quick disconnect cable offers ease of movement
- Collar and gown clips keep the fiber optic cable secure and contained



ALTAIR SA FIBER OPTIC HEADLIGHT

Small, light, brilliant: The Altair SA Fiber Optic Headlight delivers exceptional intensity in a sleek unobtrusive system.

FEATURES:

- Comfortable, adjustable Standard or Flex Headband
- Clean, consistent illumination
- Simple, lightweight clip-on system for easy integration with popular magnification loupes
- Precision iris adjustment provides a clean, even, variable spot
- Pivot points allow for exceptional coaxial alignment
- Component design for low cost, simple maintenance
- Powered by QED Medical's Xenon, Halogen or LED Light Source
- Available with 7' or 10' Fiber Optic Cable
- Excellent intensity from examination to the OR
- Quick disconnect cable offers ease of movement
- Collar and gown clips keep the fiber optic cable secure and contained



Nova 300-watt Xenon



Nova 200-watt Halogen



Beamer 10-watt LED

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THE FOS 4-X FIBER OPTIC SYSTEM

QED Medical's most popular
OR level System



ALTAIR HI 2 FIBER OPTIC HEADLIGHT

Brilliant line of sight intensity, maximum control and the finest engineering and components brought together to provide the optimal surgical lighting experience.

FEATURES:

- Comfortable, adjustable headband
- Clean, consistent illumination
- Field measures 11.5 cm at a 40 cm working distance
- Specially coated, three-lens system delivers exceptional focus & intensity
- Precision internal iris provides pinpoint spot adjustability
- Our side-mount fiber optic bundle features flexible durability to bring comfort, intensity and longevity to your system
- Available with 7' or 10' Fiber Optic Cable in Black or Iridescent Blue
- Autoclavable positioning bar provides sterile adjustability
- Quick disconnect cable offers ease of movement
- Collar and gown clips keep the fiber optic cable secure and contained

System includes:

The Altair HI 2 Fiber Optic Headlight with:
7' (2 m) or 10' (3m) Fiber Optic Cable
Cables available in Opaque Black or Iridescent Blue
Nova 300-watt Xenon Light Source
System Stand



THE NOVA 300-WATT XENON LIGHT SOURCE

Brilliant, long lasting, dependable intensity available at the flick of a switch - these are the trademark features of QED Medical's Nova 300-watt Xenon light source. With 1,000 hour lamp-life, specifically designed cooling fan and multi-port rotating turret configured to accept QED, BFW, ACMI, Wolf, Storz and Olympus cables, the Nova 300 brings the versatility and functionality to the OR you demand.



System Stand

Lamp:	300 watt Xenon
Color Temp:	6,000° Kelvin
Lamp Life:	1,000 Hours
Dimensions:	12.6" x 11.5" x 5.25"
	320mm x 292mm x 133mm
Weight:	11 lbs / 5 kg
Power:	100v - 240v 50/60 Hz
Compliance:	CAN/CSA C22.2 No. 601.1
	CAN/CSA C22.2 No. 601.1.2
	UL 60601-1
	IEC/EN 60601-1
	IEC/EN 60601-1-2

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THE LAWSON LIGHT

The need: deliver high quality intensity, shadow-free, into any body cavity.

The answer: The Lawson Light from QED Medical.

When asked by one of the leading Otolaryngologists to integrate the comfort, intensity and versatility of our systems with the specialized needs of the ENT doctor, we responded.

FEATURES:

QED's original ball and swivel linkage allows the optic to be positioned over the dominant eye

A tunnel drilled with precision through the optic provides an unimpeded, shadowless, beautifully lit, view deep into the restrictive areas of the body

Comfortable, adjustable Headband

Clean, consistent illumination

Field measures 11.5 cm at a 40 cm working distance

Specially coated, three-lens system delivers exceptional focus & intensity

Precision internal iris provides pinpoint spot adjustability

Our side-mount fiber optic bundle features flexible durability

to bring comfort, intensity and longevity to your system

Powered by QED Medical's Xenon, Halogen or LED Light Source

Available with 7' or 10' Fiber Optic Cable in Black or Iridescent Blue

Autoclavable positioning bar provides sterile adjustability

Quick disconnect cable offers ease of movement

Collar and gown clips keep the fiber optic cable secure and contained



Available in the configurations:

The Lawson Light is available in the following configurations. Select the System that fits your needs best:

The Fiber Optic System (Altair HI 2 Headlight)

Portable LED (The C3 LED System)

Portable Halogen (The Centauri 2 System)



The C3 LED System



The Centauri 2 Halogen System



Nova 300-watt Xenon



Nova 200-watt Halogen



Beamer 10-watt LED

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THE ALOS-TTL THROUGH THE LENS VIDEO HEADLIGHT SYSTEM

Capturing procedures from the surgeons line of sight, hands-free, with QED's original design Through the Lens Video Headlight System is as easy as wearing a headlight. Now, support teams in the OR can see exactly what the surgeon sees throughout a procedure. Teach new techniques, procedures, and use of new instrumentation from the operators point of view - a view otherwise unavailable - until now.

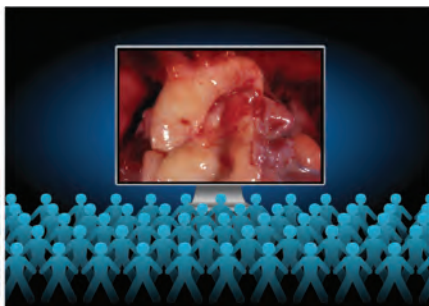
FEATURES:

- Altair HI 2 Fiber Optic Headlight with QED design Through the Lens 1/4" CCD video camera
- 15 mm Lens
- Generous depth of field
- 470 x 350 lines of resolution
- 410,000 pixels
- Output in standard composition or S-Video
- Comfortable headband mounted system
- Operates with any QED Medical light source
- Available in NTSC or PAL

Available Systems:

The classic OR level ALOS-TTL-X includes the

- Altair HI 2 Fiber Optic Headlight w/1/4" CCD Camera and 15mm Lens
- Nova 300-watt Xenon Light Source
- Camera Control Unit w/ Mounting Bracket
- System Stand
- All necessary Cables



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THE NOVA 300-WATT XENON LIGHT SOURCE

MULTI-PORT, XENON LIGHT SOURCE

Brilliant, long lasting, dependable intensity available at the flick of a switch - these are the trademark features of QED Medical's Nova 300-watt Xenon light source. With 1,000 hour lamp-life, specifically designed cooling fan and multi-port rotating turret configured to accept QED, BFW, ACMI, Wolf, Storz and Olympus cables, the Nova 300 brings the versatility and functionality to the OR you demand.



Optional System Stand



"It's a Workhorse!"



Altair HI 2

Lamp:	300 watt Xenon
Color Temp:	6,000° Kelvin
Lamp Life:	1,000 Hours
Dimensions:	12.6" x 11.5" x 5.25" 320mm x 292mm x 133mm
Weight:	11 lbs / 5 kg
Power:	100v - 240v 50/60 Hz
Compliance:	CAN/CSA C22.2 No. 601.1 CAN/CSA C22.2 No. 601.1.2 UL 60601-1 IEC/EN 60601-1 IEC/EN 60601-1-2



Altair SA



Lawson Light
Monocular Optic

The Nova 300-Watt Xenon Light Source powers each of these QED Medical Headlights, the ALOS-TTL Through the Lens Video Headlight System and, via the unique 5-Port Turret, many other available headlights.

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THE BEAMER

THE BEAMER 10-WATT LED LIGHT SOURCE

Provides Illumination for Headlights or Instruments

The Beamer provides beautiful, long lasting, white light to your headlight, retractors and lighted instruments. Lightweight, small, unobtrusive and powerful - the Beamer can sit table top or can be attached to any steel surface with its base mounted earth magnet.

The Beamer from QED Medical: the lean, "green" way to illuminate the field.



Altair HI 2

- Bright: To 4,350 Foot Candles* / 6000° Kelvin
- Long Life: 25,000 Hour Lamp Life
- Small: 3.25" x 2.5" x 1.75" Footprint
82 mm x 64 mm x 44 mm
- Light: Less than 10 Ounces (.28 kg)
- Quiet: Near Silent Cooling Fan
- Versatile: Tri-Port for Maximum Access
- Universal: Operates in 100v - 240v Environments
- Mounts to Steel Surfaces Magnetically

*Altair HI 2 Fiber Optic Headlight @ 12"



Altair SA



Lawson Light
Monocular Optic

The Beamer 10-Watt LED Light Source powers each of these QED Medical Headlights, the ALOS-TTL Through the Lens Video Headlight System and, via the 3-Port Turret, many other available headlights, lighted instruments & retractors .

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THE NOVA 3

200-WATT HALOGEN LIGHT SOURCE

The Nova 3 packs brilliant halogen intensity into a small, feature laden footprint. Power any QED Medical headlight or other headlights & instruments via the three port turret.

Adjustable intensity, white light filter, thermostatically controlled fan and longer lamp life adjustments make the Nova 3 a powerful illumination option.



Optional System Stand



Altair HI 2

Lamp:	200 watt Halogen
Lamp Life:	50 - 100 Hours
Dimensions:	7.5" x 5.5" x 4.125" 190mm x 139.7 mm x 104.7mm
Weight:	6.75lbs / 3.06 kg
Power:	100v - 240v 50/60 Hz
Compliance:	CAN/CSA C22.2 No. 601.1 CAN/CSA C22.2 No. 601.1.2 UL 60601-1 IEC/EN 60601-1 IEC/EN 60601-1-2



Altair SA



Lawson Light
Monocular Optic

The Nova 200-Watt Halogen Light Source powers each of these QED Medical Headlights, the ALOS-TTL Through the Lens Video Headlight System and, via the unique 3-Port Turret many other available headlights & instruments.

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THE XL 10-WATT LED PORTABLE LED HEADLIGHT SYSTEM

A portable LED Headlight built for the OR:
Introducing the XL 10-watt LED from QED Medical.

We've integrated the brilliance of a 10-watt, 6000° Kelvin LED with our Altair HI 2 optic to deliver full functionality, versatility and intensity into the field in a lightweight and comfortable system suitable for the OR.



FEATURES

- 25,000 hour 10-watt LED
- 6,000° Kelvin
- Variable Intensity Control
- Battery Life of 4.5 hours on High
- LED Battery Life Meter
- Easy Access On/Off & Intensity Controls
- No Battery Memory
- Pinpoint Spot Adjustment
- 2.5" - .5" Spot @ 12"
- 64 mm - 13 mm Spot @ 305 mm
- 3.5" - .75" Spot @ 16"
- 89 mm - 19 mm Spot @ 406 mm
- Lightweight, comfortable headband
- Sterilizable Positioning Bar
- 100v - 240v Charger



Driver Control



Battery Pack



LED Battery Life Meter



Carrying Case



SYSTEM INCLUDES:

- XL Headlight
- Two Rechargeable Battery Packs
- Charger
- Carrying Case

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THE C3 3-WATT LED PORTABLE LED HEADLIGHT SYSTEM

Bring brilliant, even, adjustable LED intensity into the field with the new C3 LED Headlight from QED Medical.



FEATURES:

- 50,000 hour 3-watt LED
- 4,500 Foot Candles
- 6,000⁰ k (3,200⁰ k LED optional)
- Variable Intensity Control
- Battery Life of 7.5 to 100 hours
- No Battery Memory
- Pinpoint Spot Adjustment
- Lightweight, comfortable, headband options
- Sterilizable Positioning Bar
- 100v - 240v Charger
- Transformer option available

SYSTEM INCLUDES:

- C3 Headlight
- One Rechargeable Battery Pack
- Charger
- Carrying Case Optional



*Optional Headband Mounted
Battery Pack for Wireless
Connectivity
Available*

CONVERSION KIT:

Convert the QED Medical, High Q or BFW brand Halogen Headlight Systems easily and affordably to LED with the C3 Conversion Kit:

***Centauri, Centauri 2
Halogen II, Halogen III***

*Conversion Kit includes
LED Light & Harness, Battery Pack
& Charger*

Converting to the LED is as easy as changing a bulb



Conversion Kit

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EOS 3-WATT LED

LED HEADLIGHT SYSTEM

The EOS from QED Medical is a light, bright, versatile, portable LED headlight perfect for office applications from examination to procedures. Weighing in at only 11 grams, the EOS delivers brilliant white line of sight light into the field.



Universal Clip



Standard Headband



Battery Pack & Charger

Comfortable, adjustable Standard or Flex Headband
Clips available for all major TTL and Flip Up Loupes
Lightweight optic
Completely untethered system

Lightweight, belt-clip, lithium ion battery pack
Battery life from 7.5 - 100 hours depending on intensity
Universal charger operates in 100v - 240v environments
Available in brilliant white or soft light intensity
Variable intensity control

TWINSTAR DUAL OPTIC 3-WATT LED

The TwinStar combines two brilliant 3-watt LED optics to deliver maximum intensity from a low profile, portable system.

The TwinStar from QED Medical - bringing effective portable illumination to your procedures.

Comfortable Standard or Flex Headband
Lightweight optics
Completely untethered
4.5 hour, lithium ion rechargeable, belt-clip battery pack
Brilliant field of white light
Incredible combined intensity
Positioning capabilities allow for convergence at any working distance



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THE CENTAURI 2

PORTABLE HALOGEN HEADLIGHT SYSTEM

Maximize the view during examinations with the versatile Centauri 2 Portable Halogen Headlight System from QED Medical.



2-hour, rechargeable, belt-clip, Battery Pack
110v - 240v Transformer delivers uninterrupted use
110v Charger
(220v/240v Charger not shown)

Comfortable, adjustable Headband
Precision iris adjustment provides a variable spot size
Lens & mirror system delivers a clean, even light into the field
Brilliant 11.5 cm spot at a 40 cm working distance
Autoclavable positioning bar provides sterile adjustability
Pivot points allow for exceptional coaxial alignment
Component design for low cost, simple maintenance
Brilliant 10-watt Halogen Lamp provides 100 hours of use
In-line on/off switch provides easy access control

PORTABLE LAWSON LIGHT

The need: a portable way to deliver high quality intensity, shadow-free, into any body cavity. The answer: The Portable Lawson Light from QED Medical.

When asked by one of the leading Otolaryngologists to integrate the comfort, intensity and versatility of our system with the specialized needs of his field, we responded.



Swivel technology allows the Lawson Light optic to be precisely positioned over the dominant eye for true monocular viewing and exceptional coaxial alignment.

All other features of the Centauri 2 apply to the Portable Lawson Light.



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