

# LIGHTING

**120 Examination Lighting**

*Welch Allyn, the worldwide leader in illuminated medical diagnostic instrumentation, provides you with a choice of high-performance examination lights to meet the needs of your office environment.*

**125 Headlights**

*You can select from Welch Allyn headlights with a variety of features to suit your particular need. No matter which type of light source you choose, each Welch Allyn headlight provides comfort and durability.*

**129 Procedure Lighting**

*Welch Allyn's procedure lights were designed to meet the demands of treatment rooms, emergency rooms, clinics, hospitals, and other medical environments.*



## Exam Light III™

*Fiber optic technology provides homogeneous illumination without the heat.*

Welch Allyn's Exam Light III™ takes flexible illumination to a new level. It mounts easily to fit on a wall, stand, or examination table. The Exam Light III delivers bright, white, fiber optic illumination for better visibility and more accurate diagnoses.

### Features

- Durable fiber optic light pipe provides cool illumination and is bendable to almost any position.
- Easy to position, small, non-obtrusive head does not block view of task areas.
- Lightweight focusing sleeve with optics is sealed for less dust.
- Provides homogenous spot and variable spot size.
- Easy to maintain dichroic halogen lamp provides brighter, whiter light (3,200° K).
- Multiple mounting options for greater flexibility.
- Disposable sheaths prevent cross-contamination.
- Features special UV filters that provide safe transillumination of neonates to detect pneumothorax conditions and intracranial hemorrhaging, perform infant venipuncture, and locate blood vessels (Model 48760 only).

### Model Numbers

- 48700\*: Exam Light III™, Complete  
 48780\*: Fiber optic Cable Exam Light  
 48760\*: Neonate Fiber Optic Examination Light III™

### Accessory Numbers

- 48850: Mobile Stand F/Exam Light III  
 48859: Universal Table Mount  
 48200: Fiber Optic Lite Pipe  
 48210: Fiber Optic Neonate Lite Pipe  
 48605: Focusing Sleeve  
 04200: Halogen Lamp

### Warranty

Welch Allyn will repair or replace, free of charge, the light box if it's proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear. Light pipe has 2-year warranty.

### Approvals

Conforms to UL 2601-1, IEC 60601-1, CAN/CSA C22.2 No. 601.1, AS3200.1, IEC 60601-1-2.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



Exam Light III on Mobile Stand



Exam Light III on Table Mount

## LS-135™ Examination Light

*High-quality, low-cost halogen illumination for the exam room.*

Welch Allyn, the worldwide leader in illuminated medical diagnostic instrumentation, provides you with a low-cost, high-performance diagnostic light designed to meet the varied needs of a physicians' office and hospital environment.

### Features

- Long-lasting, 35-watt halogen lamp produces significantly whiter, brighter light than ordinary gooseneck units.
- Dual intensity control switch allows you to instantly adjust light output to match your exact requirements.
- Molded lexan light head does not conduct heat, keeping the luminaire cool to the touch.
- Lamp has been offset at a 12 degree angle relative to the luminaire housing, allowing an unobstructed view of the field of interest.
- Compact base frees up valuable exam room floor space.
- Smooth surfaces are easy to clean.
- Encased, flexible 24" arm enables accurate one-hand positioning you don't get with conventional gooseneck units.
- Multiple installation options — including floor stand, table-mount, wall mount, and caster base — enable you to customize your setup to best meet your needs.

### Model Numbers

44300\*:LS-135 Examination Light, Floor Stand Model

44310\*:LS-135 Examination Light, Wall Mount Model

### Accessory Numbers

44350: Caster base

44101: Table Clamp Accessory for Use With 44310 and 44510

04430: 35w Halogen Lamp

### Warranty

1-year warranty.

### Approvals

Conforms to UL 2601-1; CAN/CSA C22.2 No. 601.1, IEC 60601-1; AS 3200.1, IEC 60601-1-2.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



LS-135 Examination Light



Optional Caster Base

# LS-150 Examination Light

*Premium quality 50-watt exam light delivers brilliant color and convenience.*

A new addition to Welch Allyn's lighting family, the LS-150 provides premium quality, high-performance light to meet the demanding specifications of medical professionals.

### Features

- Color-corrected 50-watt lamp that delivers superior light quality across the variable spectrum for more accurate color rendition.
- Specially designed light head keeps luminaire cool to the touch even during multiple exams. Lamp has been offset at a 12-degree angle relative to the luminaire housing, allowing an unobstructed view of the field of interest.
- Reduced base profile (14" dia.) frees up valuable exam room floor space.
- Encased flexible 24" arm enables accurate one-hand positioning you don't get with conventional gooseneck units.
- Multiple installation options — including floor stand, caster base, wall mount, or table mount.

### Model Numbers

- 44500\*: LS-150 Examination Light, Floor Stand Model
- 44510\*: LS-150 Examination Light, Wall Mount Model

### Accessory Numbers

- 44101: Table Clamp Accessory for Use With 44310 and 44510
- 44350: Caster base
- 04450: 50w Replacement Lamp

### Warranty

1-year warranty

### Approvals

Conforms to UL 2601-1, CANCSA C22.2 No. 601.1, AS3200.1, IEC 60601-1-2.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



LS-150 50w Halogen Light



Optional Caster Base

## Professional PenLite

*High-quality, halogen illumination in a portable hand-held light.*

### Features

- Halogen light produces true tissue color rendition.
- Highly durable solid brass construction.
- Operates with AAA batteries.

### Model Number

76600: Halogen PenLite

### Accessory Number

07600: 2.5v Halogen Lamp

### Warranty

Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.



Quality Portable Hand-Held Light

## 3.5v EpiScope™ Skin Surface Microscopes

*Accurate identification of suspicious lesions by providing the ability to magnify, illuminate, and measure lesions.*

Welch Allyn's EpiScope™ helps doctors allay patients' concerns by examining the skin surface and making accurate measurements of skin lesions.

### Features

- Precision, achromatic 10x optics system ensures crisp, clear lesion border definition and true pigment pattern rendition.
- Reticule contact plate facilitates measurement for more accurate diagnosis and objective tracking of lesion growth.
- Fits any 3.5v Welch Allyn power source for convenient, inexpensive additions to Welch Allyn diagnostic instrumentation.
- Large, knurled focusing ring allows you to get sharp focus easily.
- Rubber eyeguard provides superior comfort and folds down for spectacles.
- Owner's Manual includes introduction to skin surface/epiluminescence microscopy, tables of diagnosis criteria, and 50 detailed lesion photographs.
- Fully portable with a soft carrying case that accommodates the handle (Models 47351 and 47351-C).
- Includes a pouch for extra front cover (Models 47351 and 47351-C).

### Model Numbers

- 47300: EpiScope™ Only  
 47351\*: EpiScope™, Set with Rechargeable Handle  
 47351-C\*: EpiScope™ Set with Convertible Handle

### Accessory Numbers

- 05232: Soft Carrying Case (Model 47300 only)  
 47320: Plano Contact Plate for EpiScope™  
 03000: 3.5v Halogen Lamp

### Warranty

Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.

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47351 3.5v EpiScope™ Skin Surface Microscope



## LumiView™ Portable Binocular Microscope

*The only portable, affordable instrument offering three-dimensional viewing and illumination into a small cavity.*

The Welch Allyn LumiView™ Portable Binocular Microscope is quite simply the best instrument ever developed for examination of the ears, nose, throat, and other small cavities. The breakthrough is its unique converging stereoscopic viewing system. Specially configured optics literally converge the user's binocular vision, providing a magnified, three-dimensional view that can be focused into narrow cavities. At the same time, a powerful halogen lamp shines focused light directly on the subject, resulting in a bright, 3D image that provides you with the necessary depth perception for effective examinations and procedures.

### Features

- Two-diopter magnification (1.5x) provides sufficient power for most exams and procedures.
- Siegal insufflation system also provides additional 1.0x magnification when needed.
- Halogen illumination with reflector is brighter, whiter, longer-lasting light compared to incandescent systems.
- IPD controls adjust interpupillary distances between 49 mm and 74 mm.
- Precision-ground optics are specially configured and sealed within a durable shell to converge your stereoscopic vision.

### Model Numbers

- 20500H\*: Portable Binocular Microscope, Head Mount with Portable Battery Pack
- 20510H\*: Portable Binocular Microscope, Head Mount with Direct Power Source
- 20520H\*: Portable Binocular Microscope, Headband Flat Surface Magnifier with Portable Battery Pack
- 20530H: Portable Binocular Microscope - Head Mount Only
- 20530S: Portable Binocular Microscope - Spectacle Mount Only
- 20520S\*: Portable Binocular Microscope - Spectacle Flat Surface Magnifier with Portable Battery Pack
- 20510S\*: Portable Binocular Microscope, Spectacle Mount with Direct Power Source
- 20500S\*: Portable Binocular Microscope, Spectacle Mount with Portable Battery Pack

### Accessory Numbers

- 08500: LumiView Replacement Lamp
- 72250: Rechargeable Battery for LumiView Portable Power Source
- 05374: Carrying Case for Spectacle LumiView
- 75260\*: Portable Power Source with Charger
- 75210\*: Direct Power Supply
- 22100: Reusable Polypropylene Pneumatic, Operating, and Consulting Otoscope Specula, Set of Five
- 21502: Spectacle Holder
- 74180\*: Charger Only for Portable Power Source
- 75201: Portable Power Source Only

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



Spectacle Mount



Portable Battery Pack



Insufflation System and Specula

**WelchAllyn®**

www.welchallyn.com

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## MFI Fiber Optic Headlight Systems

### Solarc™ Surgical Headlight

*Xenon color at a halogen price.*

Welch Allyn's surgical headlight is durable, comfortable, and lightweight, and it delivers the bright, white light expected from a Xenon system, but at a fraction of the cost.

#### Features

- Portable patented high-intensity Solarc™ light source.
- White, Xenon-quality light (5,500°K) provides true tissue color rendition.
- Up to 30% brighter than halogen high-intensity headlight systems for excellent visualization of the operative site.
- Soft, flexible headband with a ratchet on the top and back for superior comfort and customized fit.
- Fiber optic bundle is encased in 3 layers of protective materials to eliminate fiber breakage and reduce costs.

#### Model Numbers

49520\*: Solarc Surgical Headlight System (Light Source, Fiber Bundle, Headband/Luminaire)

49520TW\*: Solarc Headlight System (as above) with Turreted Lightsource (accepts: Wolf, ACMI, Storz, Olympus)

#### Accessory Numbers

49540: Headband/Luminaire

49541: Shielded Fiber Optic Headlight Cable, 10 ft.

49543: Shielded Fiber Optic Headlight Cable, 8 ft.

49500\*: Solarc™ Light Source, ACMI only

49500TW\*: Solarc™ Light Source With Turret (accepts: Wolf, ACMI, Storz, Olympus)

49550: Mobile Stand for Single Solarc System

49552: Dual Mobile Stand Holds Two Solarc Systems

09500: Solarc Lamp

#### Warranty

3-year warranty (Light Source and Headband/Luminaire)

18-month warranty (Fiber Optic Headlight Cables)

#### Approvals

Conforms to UL 2601-1; CAN/CSA C22.2 No. 601.1.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



*MFI Fiber Optic Headlight System*



*Competition Halogen Lamp vs. Welch Allyn Solarc Lamp*

# MFI Fiber Optic Headlight Systems

## Xenon Surgical Headlight

*Easy to wear. Hard to wear out.*

Welch Allyn's surgical headlights are durable, comfortable, and lightweight, and they deliver dependable bright light through a patented shielded fiber optic bundle.

### Features

- 300-watt Xenon light source is as bright as any surgical headlight available.
- Bright, white 5,500°K light provides true tissue color rendition for excellent visualization of the operative site.
- Soft, flexible headband with a ratchet on the top and back for superior comfort and customized fit.
- 3 layers of protection shield the fiber optic bundle, eliminating fiber breakage and saving replacement bundle costs.

### Model Number

49820\*: Xenon Surgical Headlight System (Light Source, Fiber Bundle, Headband/Luminaire)

### Accessory Numbers

- 49800\*: Xenon Light Source Only
- 49540: Headband/Luminaire
- 49541: Shielded Fiber Optic Headlight Cable, 10 ft.
- 49543: Shielded Fiber Optic Headlight Cable, 8 ft.
- 49850: Xenon Light Source Mobile Stand
- 04980: Xenon Replacement Lamp Module

### Warranty

- 1-year warranty (Light Source)
- 3-year warranty (Headband/Luminaire)
- 18-month warranty (Fiber Optic Headlight Cable)

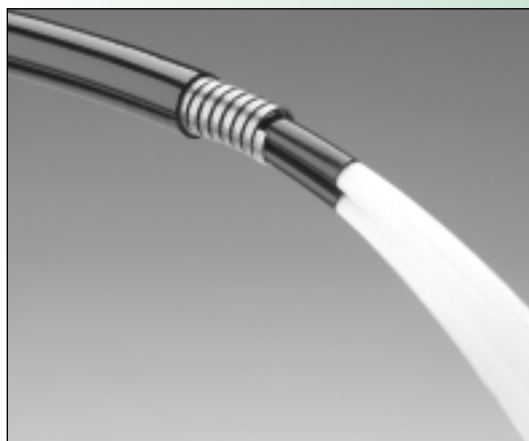
### Approvals

Conforms to UL 2601-1; CAN/CSA C22.2 No. 601.1.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



MFI Fiber Optic Headlight System



The Most Durable Fiber Optic Cable Available for a Headlight System

## Direct Focusing and Halogen Headlights

*Low-cost, lightweight, and portable headlights for the office exam room.*

Welch Allyn focused on your needs and now you have two low-cost, lightweight, and portable headlight options for your office exam room. Complete comfort and portability.

### Features

#### Direct Focusing Headlight (46003)

- Lightweight and comfortable to wear.
- Convenient focusing sleeve for adjusting the spot size according to the procedure.
- “Quick Detach” electrical connector provides mobility from room to room.

#### Halogen Headlight (49003)

- Provides true tissue color and consistent, long-lasting illumination.
- Iris diaphragm regulates diameter of light spot.
- “Quick Detach” connector on headband for greater mobility.
- Even light intensity across all spot sizes for more accurate examination.
- Open ribbed construction prevents excess heat build-up.

### Model Numbers

46003\*: Direct Focusing Headlight Complete

49003\*: Halogen Headlight Complete

### Accessory Numbers

02500: 6v Vacuum Lamp (Small) (Model 46003 only)

02600: 6v Halogen Lamp (Model 49003 only)

490074: Halogen Headlight without Wall Transformer

791003-502: Transformer Only for Direct Focusing Headlight (46003)

790030-501: Transformer Only for Halogen Headlight (49003)

### Warranty

Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.

### Approvals

Transformer conforms to UL 544, CAN/CSA C22.2 No. 125.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



46003 Direct Focusing Headlight



49003 Halogen Headlight

# LS200™ Procedure Light

*High-quality, low-cost procedure room illumination.*

The LS200™ Procedure Light meets the demands of treatment rooms, emergency rooms, clinics, hospitals, and other medical environments. From its easy maneuverability to its wide range of positioning options, this high-performance light puts complete control at the user's fingertips.

## Features

- Superior maneuverability for accurate light placement without drifting or repositioning.
- 24" working distance with 2,500 foot-candles light output and 3,200° K color temperature provides enhanced visualization of the operative site and true tissue color rendition.
- Three-lamp design ensures continuous operation and shadow-free illumination.
- 7" spot size with feathered edge definition and 12" depth of field reduces eye strain and the need to maneuver the light during procedures.
- LS200's dichroic reflectors allow infrared light through, for less heat.
- Friction adjustment for customized movement with consistent, long-term durability.

## Model Number

44200\*: LS200™ Light with Arm, Luminaire Section, and Transformer  
DOES NOT include mounting option

## Accessory Numbers

- 44250: LS200™ Mobile Stand
- 44210: LS200™ Wall Mount
- 06400: 25w Halogen Lamp

## Warranty

3-year warranty.

## Approvals

Conforms to UL 544; CAN/CSA C22.2 No. 125.

\*For appropriate model number outside of U.S.A., please advise country and voltage required when ordering.



LS200 Procedure Light with Mobile Stand



LS200 Lamp Design Luminaire