

IsoluX[®] Medical A Brilliant Choice in Medical Fiber Optic Illumination

FIBEROPTIC HEADLIGHTS

All IsoluX Headlights come standard with 8.5m long, 3.8mm diameter fiber cables which provide superior light output while minimizing overall weight and fatigue. Wolf fiber cable connections come standard, Universal connectors are available.

Each headlight optics module:

- Has a recessed lens to prevent scratching and contamination
- Has adjustment joystick that is easily removed for cleaning
- Is available in 90° or 105° angles to assure the most comfortable surgical stance
- Is provided with its own duffle bag for personal storage
- Is designed to accept our bi-furcated fiber cables for even weight distribution and reduced fatigue
- Has 10-100mm variable spot for precise illumination (fixed spot, 110mm available upon request)
- Has gown clips permanently mounted to secure cable during use

Dual Ratchet Headband



Dual Ratchet Headband

- Soft, flexible and ergonomically contoured for maximum comfort with sweat pads of detachable and replaceable plush cushioning foam
- Sculptured ratchet-type knobs provide quick and easy circumferential and crown adjustments prior to or during surgical procedures

Washable Cloth Headband

- Super light weight and softly padded with a secure Velcro closure, ensuring a personalized fit every time
- Hand tool available to remove optics, facilitating the washing of the headband

Washable Cloth Headband



Dual Ratchet Head Band		Washable Cloth Headband	
04-090VWR	90°, variable spot, Wolf connector	04-090VWS	90°, variable spot, Wolf connector
04-105VWR	105°, variable spot, Wolf connector	04-105VWS	105°, variable spot, Wolf connector
04-090VUR	90°, variable spot, Universal connector	04-090VUS	90°, variable spot, Universal connector
04-105VUR	105°, variable spot, Universal connector	04-105VUS	105°, variable spot, Universal connector

LED Headlights



- The IsoLED is the brightest LED headlight available
- Perfect spot uniformity, edge to edge - no hot spots or irregular light patterns
- Runs 40° F cooler than the next best headlight
- Headlight lighter than others - batteries are located on a belt clip, not on the operator's head
- CE Certified

The IsoLED Headlight has been specially designed for examination and minimally invasive surgeries. It is also ideal for dental and veterinary use. The LEDs are closely coupled to the optics, enabling the focused light to be even and uniform, edge to edge. IsoLED offers up to 650K lux of 10,000° K cool white light with a life expectancy of 50,000 hours. Featuring a rechargeable lithium ion battery pack and charger, the belt mounted control pack includes a dimming control for an intensity range of 3 to 100 percent.



Illumination	650,000 lux (minimum)
LED Life	>50,000 hours
Color Temperature	10,000 °K
Light Degradation	None
Spot Size	100mm at 400mm/16" working distance
Intensity Range	3% to 100%
Operating Time	>4 ½ hours typical at maximum intensity
Normal Recharge Time	3.6 hours
Quick Recharge Time	2 hours, for 4 hours of maximum intensity
Headband	Dual ratchet or soft velcro
Weight (headlight)	330 grams (LED, headband, cable and optics) 11 ozs
Weight (battery)	190 grams 6ozs
Size (control unit/battery pack)	4.25" x 2.7" x 1.1"

ORDERING INFORMATION

- 07-A1 DC Rechargeable Control Unit/Power Pack
- 07-A2 Headlight Illuminator
- 07-A4 Cable Assembly
- 07-A5 Battery Charger

Note: The IsoLux Ilc IsoLED Headlight is designed for use with the IsoLux Ilc power source only.