



ISOLUX

## IsoLED II, PORTABLE LED HEADLIGHT

The IsoLED II Portable LED Headlight is a Battery operated Exam / Diagnostic lamp ideal for use in the following environments:

- FAMILY PRACTICE
- DENTISTRY
- DERMATOLOGY
- EMERGENCY ROOMS
- OUTPATIENT FACILITIES
- URGENT CARE CENTERS
- OB/GYN



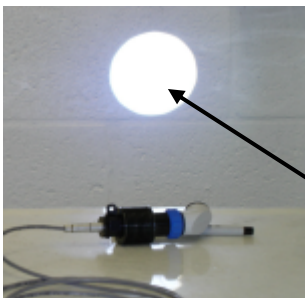
Its high efficiency design allows for reduced energy consumption and reduced cost of ownership (around 1/3 of halogen lamps), while its 50,000 hour of LED life provides for a free maintenance device with an end life of around 20 years. Its design follows and surpasses the Energy Star Requirements.

The unit has infinite mobility, not confined by access to power sockets, and its charge will last more than 4 ½ hours at full intensity.

Its high CRI of 95 rating is very desirable in color-critical applications such as neonatal care, medicine and surgery, as it shows the true colors of tissues and skin, thereby reducing the time to diagnosis and surgery.

Its light beam is extremely homogeneous and free of imperfections and its diameter is adjustable allowing for modification of the illuminated area.

The light-weight battery pack has a retention clip to be used on the user's belt or pocket.



### SPECIFICATIONS

<i>Illumination</i>	<i>&gt; 28,000 lux @ 30 cm</i>
<i>LED Life</i>	<i>&gt;50,000 hours</i>
<i>Color Temperature</i>	<i>4,500 °K</i>
<i>Color Rendition Index (CRI)</i>	<i>96 Typical</i>
<i>Light Degradation</i>	<i>None</i>
<i>Spot Size</i>	<i>10mm to 100mm at 400mm/16" working distance</i>
<i>Intensity Range</i>	<i>20% to 100%</i>
<i>Operating Time</i>	<i>&gt;4 ½ hours typical at maximum intensity</i>
<i>Normal Recharge Time</i>	<i>3.6 hours</i>
<i>Quick Recharge Time</i>	<i>2 hours, for 4 hours of maximum intensity</i>
<i>Headband</i>	<i>Dual ratchet or soft velcro</i>
<i>Weight (headlight)</i>	<i>290 grams (LED, headband, cable and optics)</i>
<i>Weight (battery)</i>	<i>190 grams</i>
<i>Size (control unit/battery pack)</i>	<i>4.25" x 2.7" x 1.1"</i>