



# IsoLED II : Portable LED Headlight

The IsoLED II is a battery operated exam and diagnostic headlight ideal for:

- OB/GYN
- Dermatology
- Oral Maxillofacial
- Veterinary Medicine
- ENT
- Emergency Rooms
- Outpatient Facilities
- Minor Procedures

**Clarity:** The IsoLED II features a Color Rendition Index (CRI) of 96 which is desirable in color-critical applications such as minor procedures, general medicine, and surgery. This high rating indicates its ability to show the true colors of tissues and skin thereby reducing the time to diagnosis and treatment.

**Adjustability:** The light beam of the IsoLED II is homogeneous and uniform from edge to edge, and free from imperfections. The spot size is adjustable and without a hot spot, delivering a clean, crisp spot edge without shadows or blurring.

**Portability:** The IsoLED II features maximum portability allowing unlimited mobility for the doctor as they are no longer restricted by power cords or fiber optic cables. The lightweight battery pack also has a retention clip for use on a belt or pocket and the rechargeable battery lasts 5.5 hours on a single charge at full intensity.

**Efficiency:** The IsoLED II features a high efficiency design reducing energy consumption and cost of ownership (less than 30% as compared to halogen lamps), thus surpassing Energy Star requirements. Its 50,000 hours of LED life result in a

## SPECIFICATIONS

<b>Illumination</b>	> 25,000 Lux @ 12"
<b>LED Life</b>	>50,000 hours
<b>Color Temperature</b>	4,500 °K
<b>Color Rendition Index (CRI)</b>	96 Typical
<b>Light Degradation</b>	None
<b>Spot Size</b>	10mm to 100mm at 400mm/16" working distance
<b>Intensity Range</b>	20% to 100%
<b>Operating Time</b>	>5.5 hours typical at maximum intensity
<b>Normal Recharge Time</b>	<3.6 hours
<b>Quick Recharge Time</b>	2 hours for 4 hours of maximum intensity
<b>Headband</b>	Dual Ratchet or Soft Velcro
<b>Weight (headlight)</b>	290 grams (LED, headband, cable and optics)
<b>Weight (battery)</b>	190 grams
<b>Size (control unit / battery pack)</b>	4.25" x 2.7" x 1.1"

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