



ISOLUX

IsoLED Mini LED HEADLIGHT



Headlight combined with Binocular Loupes



IsoLED Mini unit showing its components



Yellow filter reduces blue & UV light, preventing premature curing of composite

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

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

Its high efficiency design allows for reduced energy consumption and reduced cost of ownership (around 1/3 of halogen lamps), while its 40,000 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 10 hours at full intensity.

Its light beam is extremely homogeneous and free of imperfections. The lightweight battery pack has a retention clip to be used on the user's belt or pocket.

The Battery Charger comes with a Charge Monitor that alerts the operator when the Battery is fully charged.

The Headlight adapts to any Binocular loupes: Gallilei, Zumax, Zeiss, Orascoptic Flip up, Grendel Meier and Heine.

The unit comes in a carrying case containing the Headlight with pendant cable / connector, Battery Pack, two retaining multi-clips, removable yellow filter, wall mounted Battery Charger, safety goggles and User's Guide.

SPECIFICATIONS

<i>Illumination</i>	> 22,000 lux @ 30 cm
<i>LED Life</i>	>40,000 hours
<i>Color Temperature</i>	4000 °K
<i>Color Rendition Index (CRI)</i>	>92 Typical
<i>Light Degradation</i>	None
<i>Spot Size</i>	60 mm @ 300 mm working distance
<i>Intensity Range</i>	3% to 100%
<i>Operating Time</i>	>10 hours typical at maximum intensity
<i>Normal Recharge Time</i>	3.6 hours
<i>Quick Recharge Time</i>	2 hours, for 8 hours of maximum intensity
<i>Battery Charger</i>	Universal: 100 to 264 VAC, 50 to 60 Hz., 8.4 VDC @ 1.3 A
<i>Weight (headlight)</i>	23 grams
<i>Weight (Battery Pack)</i>	190 grams
<i>Size (control unit/battery pack)</i>	4.25" x 2.7" x 1.1"