



ISOLUX



# IsoLED Flex I: Mobile Exam Light

The IsoLED Flex I is a battery powered exam and diagnostic light ideal for use in clinical environments, especially:

- OB/Gyn
- ENT
- Plastic Surgery Practice
- Dermatology
- Family Practice
- Veterinary Practice

**Optics:** The IsoLED Flex I clinical exam light has a single LED chip delivering 45,000 lux at 300 mm (12 inches). The Flex I has an adjustable iris which allows for precise control of spot size diameter, and a CRI rating of 95 which produces very high color rendition for accurate diagnosis. The use of sharp cutoff optics allows for a well-defined spot with a very small LED halo effect and good depth of field. Intensity can be adjusted from 3% to 100%.

**Portability:** The Flex I provides portability without the encumbrance of a power cord thanks to its battery pack and five wheel base. It also has a flexible arm (gooseneck) that allows it to be positioned at any angle or proximity from the patient during an examination or medical office procedure. The Flex I can be configured with a wall mount, table rail mount, or with the five-wheel base floor stand.

**Battery:** With over 10 hours of full intensity, the Flex I offers an all-day solution for a doctor's office or ambulatory medical facility. The Flex I's high efficiency design reduces energy consumption and cost of ownership, while its 50,000 hours of LED life provides for a maintenance free device with an end life of around 20 years. Further, the manufactured design of the Flex I surpasses Energy Star Requirements.

IsoLux Warranty Information  
Five (5) years on LED Exam Light  
One (1) year on Battery Pack

## SPECIFICATIONS

# of LEDs	One Warm White LED
Color Temperature	4000 °K
Color Rendition Index (CRI)	95 Typical
Light Intensity @ 12"	> 45,000 lux
Working Distance	12" to 24"
Spot Size (Iris Control)	½" to 3½"
LEDs Life	> 50,000 Hours
Operating Temperature	10 °C to +50 °C
Electrical Power	14.4 volts Battery Pack (4 x 3.7 cells) rechargeable ion lithium batteries – 3.5 A-Hour capacity
Minimum Operating Time	10 hours of continuous operation at maximum light intensity.
Efficiency	Meets Energy Star Guidelines
Dimming	3% to 100%
Controls	<ul style="list-style-type: none"> <li>• On/Off power switch</li> <li>• Power On green indicator</li> <li>• Brightness Control</li> </ul>
Battery Charger, 15.1 watts Universal AC Input (II-2277)	UL certified per IEC 60601-1, 1988, 2nd edition
Weight	12.5 lbs



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