



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 92 which produces very high color rendition for accurate diagnosis. The use of sharp cutoff optics allows for a well-defined spot with a 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 (goose neck) 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. Further, the manufactured design of the Flex I surpasses Energy Star Requirements.

SPECIFICATIONS

# of LEDs	One Warm White LED
Color Temperature	4,000 °K
Color Rendition Index (CRI)	92 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	14.8 volts Battery Pack (4 x 18650 cells) rechargeable Lithium-ion 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	• On/Off Power Switch • Power On Green Indicator • Brightness Control
Battery Charger, 15.1 watts Universal AC Input	UL certified per IEC 60601-1, 1988, 2nd edition
Weight	12.5 lbs

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