



IsoLED Flex III: Mobile Exam Light

The IsoLED Flex III is a battery powered clinical exam and diagnostic light ideal for use in most medical environments:

- OB/Gyn
- Family Practice
- Dermatology
- ENT
- Veterinary Practice
- Dental Practice

Optics: The IsoLED Flex III clinical exam light features three LEDs delivering more than 100,000 lux at 30 cm (12 inches), 60,000 lux at 50 cm (20 inches). The Flex III has a spot size diameter of 8 cm (3.2 inches) at 50 cm (20 inches), and a CRI rating of 95 which produces very high color rendition aiding accurate diagnosis. Light intensity is adjustable from 3% to 100%.

Portability: The Flex III provides portability without the encumbrance of a power cord thanks to its battery pack and wheeled 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. If a fixed position is preferred, the Flex III can also be configured with a wall or rail mount bracket.

Battery: With over seven hours of operation at full intensity, the Flex III offers a powerful solution for a doctor's office or ambulatory medical facility at a fraction of the cost of other lighting products. The Flex III's high efficiency design results in reduced energy consumption, cost of ownership, especially compared to halogen, and surpasses Energy Star requirements. Additionally, its 50,000 hours of LED life provides for a maintenance free device with an end life of around 20 years.

SPECIFICATIONS

# of LEDs	Three Warm White LEDs
Color Temperature	4000 °K
Color Rendition Index (CRI)	95 Typical
Light Intensity @ 0.5 m	> 60, 000 lux
Working Distance	0.3 m to 1 m
Spot Size (Iris Control)	8 cm @ 0.5 m
LEDs Life	> 50,000 Hours
Operating Temperature	10 °C to +50 °C
Electrical Power	14.8 volts battery pack (4 x 3.7 cells) rechargeable lithium-ion batteries – 3.5 A-Hour capacity
Minimum Operating Time	7 hours
Efficiency	Meets Energy Star Guidelines
Dimming	3% to 100%
Controls	<ul style="list-style-type: none"> • On/Off power switch • Power On green indicator • Brightness Control • Low battery indicator
Battery Charger, 15.1 watts Universal AC Input	UL certified per IEC 60601-1, 1988, 2 nd edition.
Weight	12.9 lbs