



ISOLUX

NEW 100,000 LUX LED SURGERY LAMP



The Isolux XII is an exam plus surgery and procedure lamp using the latest state-of-the-art LED lighting technology, providing the highest illumination at 1 meter of the industry (55,000 lux typical).

Its high mobility and head rotational capabilities provides for a very versatile surgery lamp that can be used in any location at any possible angles and perspectives.

Its CRI of 96 rating produces a very high color rendition index for accurate diagnosis; and the life of the LEDs used is kept high by limiting their junction temperature to less than 55 ° C for a better than 50,000 hours of operation; while its meager power consumption of 38 watts provides for very efficient and eco-friendly lamp. Furthermore, the use of sharp cutoff optics allows for a well-defined and homogenous spot with an excellent depth of field.

SPECIFICATIONS

Optical Power @ 0.5 meters	>100,000 Lux
Optical Power @ 1.0 meters	>50,000 Lux
Color Temperature	4,000 °K Typical
Color Rendition Index (CRI)	96 Typical
Audible Noise	< 26 dBA
Spot Size	13 cm @ 0.5 meters distance
Dimming Range	3% to 100%
AC Input Power	Universal: 100 to 240 VAC, 47 to 63 Hz.,
Power Consumption	38 watts
Energy Star	The unit's design surpasses Energy Star requirements
Operating Temperature	-10°C to +50°C
Storage Temperature	-10°C to +70°C
Safety Standards	CAN/CSA C22.2 No.601.1-M90, UL60601-1, IEC60601-2-41
Head Rotation	Vert.: ±40°, Horz.:345°, Head: 360°
Head Assembly Dimensions	5" diameter by 7.625" long
Head Assembly Weight	4,28 lbs
Swing Floor Stand Weight	24 lbs