

CUDA[®]

SURGICAL

The Brilliant Choice

Manufacturers of Reliable, High-Quality Illumination Products



CUDA Surgical is a leading manufacturer of xenon lamps for medical use. In this specialty field, we focus on CeraLux (TM) ceramic xenon short arc lamps. We offer B and C body styles with ellipsoidal and parabolic reflectors. Our line of xenon lamps include lamps, lamp modules, and various accessories.



Manufactured in the USA, these lamps provide high-quality lighting backed with superior value and direct access to technical assistance. All lamps offer true color rendition and use safer materials than other lighting techniques. Our products have been designed to be durable and dependable within the environments in which they are used. This narrow focus enables us to remain true to our goal of having the best value and speed of service in the industry.

Some of the light source brands CUDA Surgical can provide illumination for are listed below:

BFW

Leica

Linvatec

Storz

Isolux

Moeller-Wedel

Olympus

Pentax

Smith & Nephew

Stryker

Integra/Luxtec

Welch Allyn

Richard Wolf

Zeiss

Fujinon

CeraLux lamps™ are short arc, high pressure, xenon lamps that have parabolic and elliptical reflectors integrated in the design. By having reflectors with this type of construction, our lamps can produce pre-aligned collimated or focused beams of high intensity white light. This white light is due to xenon gas' ability to emit UV,



Visible and IR output that is closely matched to that of the sun (color temperatures of approximately 6,000° K). Compared to quartz type lamps, CeraLux lamps are safer because of the materials used and easier to work with due to the pre-focused reflectors. The rugged construction of these lamps incorporates high strength welds and brazed seals. They are designed for DC operation with instant "on" ignition. Unlike metal halide and mercury lamps, no warm-up time is required for the lamp to produce its superior white light. Another advantage is that no mercury or rare earth elements are used in our lamps, so there are no environmental or disposal issues.

CeraLux™ xenon lamps from CUDA Surgical have been designed to be exact replacement for existing ceramic xenon lamps, as well as optimized for the use of OEMs, and other individual customers. They are used extensively in medical endoscopy, fiber optic illuminators, dental curing, dental bleaching, solar simulation and for industrial use.

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MADE IN THE USA

LIT 181

CE



ISO 13485 Certified