

CUDA[®] SURGICAL

CUDA Surgical's LED Lightsources



LED4000

Cuda Surgical LED4000 is a state-of-the-art LED Lightsource designed to provide light for Headlight and endoscopic procedures. The lumen output is comparable to many Xenon lightsources currently being used in endoscopy. The expected LED life of 30,000 hours eliminates the need to purchase replacement lamps, thus saving money in operational cost.

- Compact, efficient, durable source of brilliant "daylight" quality light for endoscopy.
- Expected LED life of 30,000 hours
- Color temperature: 6500°K @ 75 CRI for maximum output 5600°K @ 92 CRI for fuller spectrum
- Ergonomically designed turret includes ACMI, Olympus, Storz, & Wolf ports; single port version and other options.
- LED automatically shuts off when cable is removed from active port.
- Headlight Output Measured @ 16" (40cm) - HIGH CRI 50,000 Lux, STANDARD CRI 80,000 Lux



LED3000

Cuda Surgical LED-3000 is a high brightness white LED light source that delivers clear white light required by today's surgeon's to accurately and precisely distinguish tissue color. A simple solution to the illumination needs in the specialties of endoscopy, surgical microscopy, and laparoscopy.

- Compact, efficient, durable source of brilliant "daylight" quality light for endoscopy.
- Expected LED life of 30,000 hours
- Color temperature: 6950°K
- Ergonomically designed turret includes ACMI, Olympus, Storz, & Wolf ports; single port version and other options.
- LED automatically shuts off when cable is removed from active port.
- Headlight Output Measured @ 16" (40cm) - 60,000 Lux



LED2000

- Compact, efficient, durable source of brilliant "daylight" quality light
- Ideal for office use and post OP examinations
- Expected LED life of 50,000 hours
- Color temperature: 6500°K nominal
- Ergonomically designed turret includes ACMI, Olympus, Storz & Wolfports; single port versions and other port styles are also available.
- Headlight Output Measured @ 16" (40cm) - 20,000 Lux

LED 4000 & LED 3000 Lightsource

- Compact, efficient, durable source of brilliant "daylight" quality light for headlights and endoscopy.
- Lumen output comparable to many Xenon units but more stable and consistent.
- Expected LED life of 30,000 hours (15 years @ 40 hrs/week x 50 weeks/year) eliminates costly periodic lamp changes.
- Color temperature: LED4000 6500°K @ 75 CRI or 5600°K @ 92 CRI. LED3000 6950°K
- Electronic (PWM) intensity control from 0-100%; variety of linear & geometric dimming profiles available for optimum performance with cameras.
- High-level Command Interface facilitates remote control and status access through integral RS232 and USB ports.
- Ergonomically designed turret includes ACMI, Olympus, Storz, & Wolf ports; single port versions and other port styles are also available.
- LED automatically shuts off when cable is removed from active port.
- Standby mode turns off LED but keeps lightsource energized and adjustable.
- Accepts 100-240V AC, 50/60 Hz input power for worldwide operation.
- Regulatory: IEC60601-1 3rd Edition, CAN/CSA C22.2 No. 601.1, CE mark.
- Dimensions: 11" W x 4.5" H x 11" D; weight 3.4kg (7.5 lbs).

LED 2000

Cuda Surgical LLS-2000 Lightsource

- 50W Solid State LED Light
- Compact, efficient, durable "daylight" light
- LLS-2000 utilizes new high efficiency design
- Color temperature: 6500° K nominal
- Typical LED life: >50,000 hours
- Low power consumption: 52W typical
- Electronic (PWM) intensity control from 0-100%
- Four-port turret and single port versions available
- Standard ports are ACMI, Olympus, Storz, and Wolf, other ports available
- Accepts 100-240V AC, 50/60 Hz input power for worldwide operation
- Regulatory: UL60601-1, CAN/CSAC22.2 No. 601.1, EN60601-1-2; CE marked
- Dimensions: 4.65" W x 3.32" H x 7.25" D (~10" overall)
- Weight: 1.14 kg (2.5 lbs)

Ordering Information

- LLS-4000T-SC-K LED-4000 lightsource with Standard CRI and "K" cord
 - LLS-4000T-HC-K LED-4000 lightsource with High CRI and "K" cord
 - LLS-3000T-K LED-3000 lightsource with "K" cord
 - LLS-2000T-K LED2000 Lightsource with "K" Cord
 - SYC0070T - Cuda Lightsource Floorstand
 - DRH-110B-LED - GREY "RCS" HB, 110MM VAR. SPOT MODULE, ESG-4000B-BLACK BIF CABLE
 - ESG-4000B-BLACK, 4MM, FUSED HEADLIGHTCABLE, WITH MOLDED GRIP FOR LED LIGHTSOURCES
- (FOR INTERNATIONAL ORDERING PLEASE SPECIFY CORD REQUIRED)

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LIT 177A

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